

Fig. 1-A

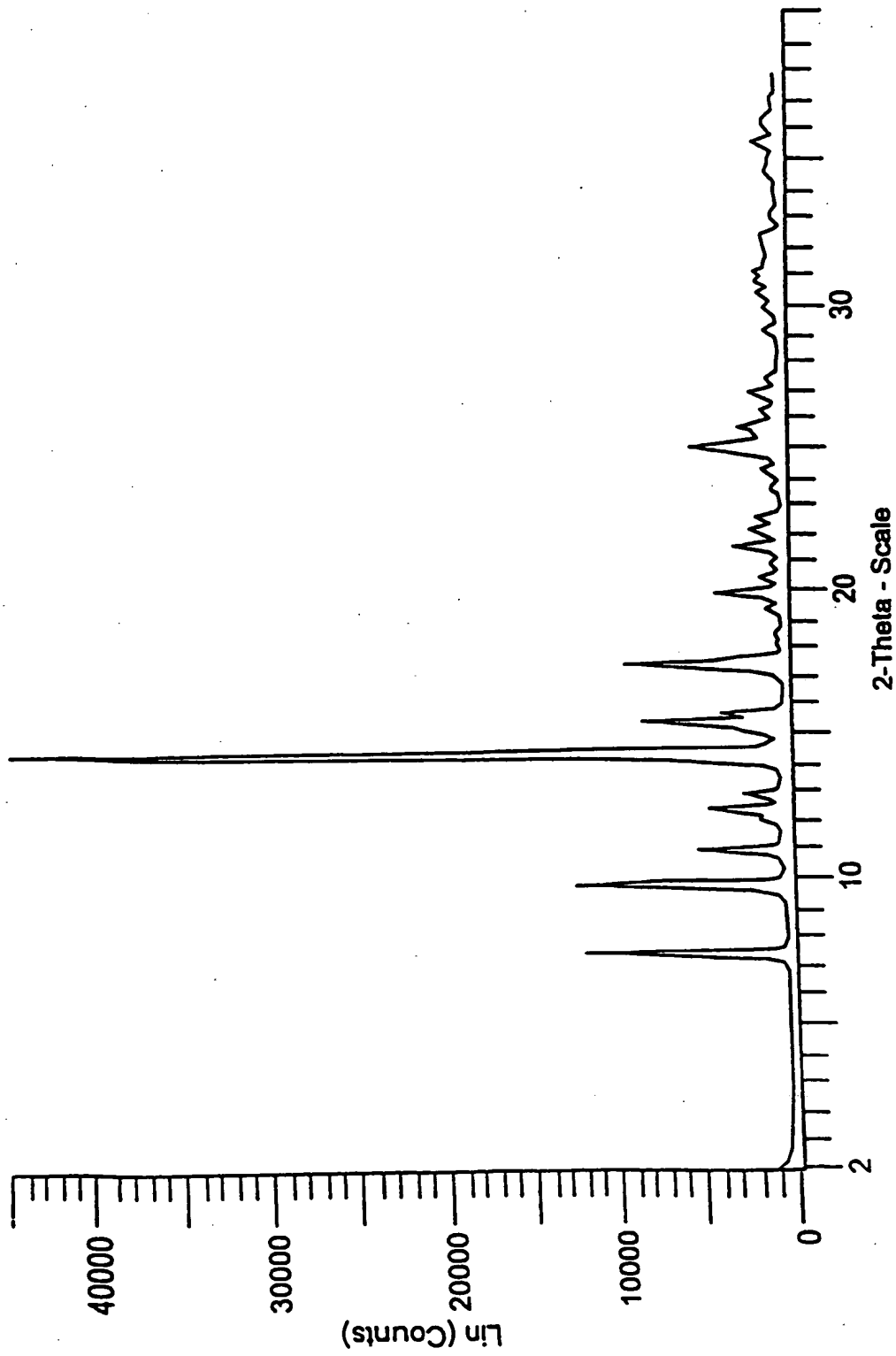


Fig. 1-B

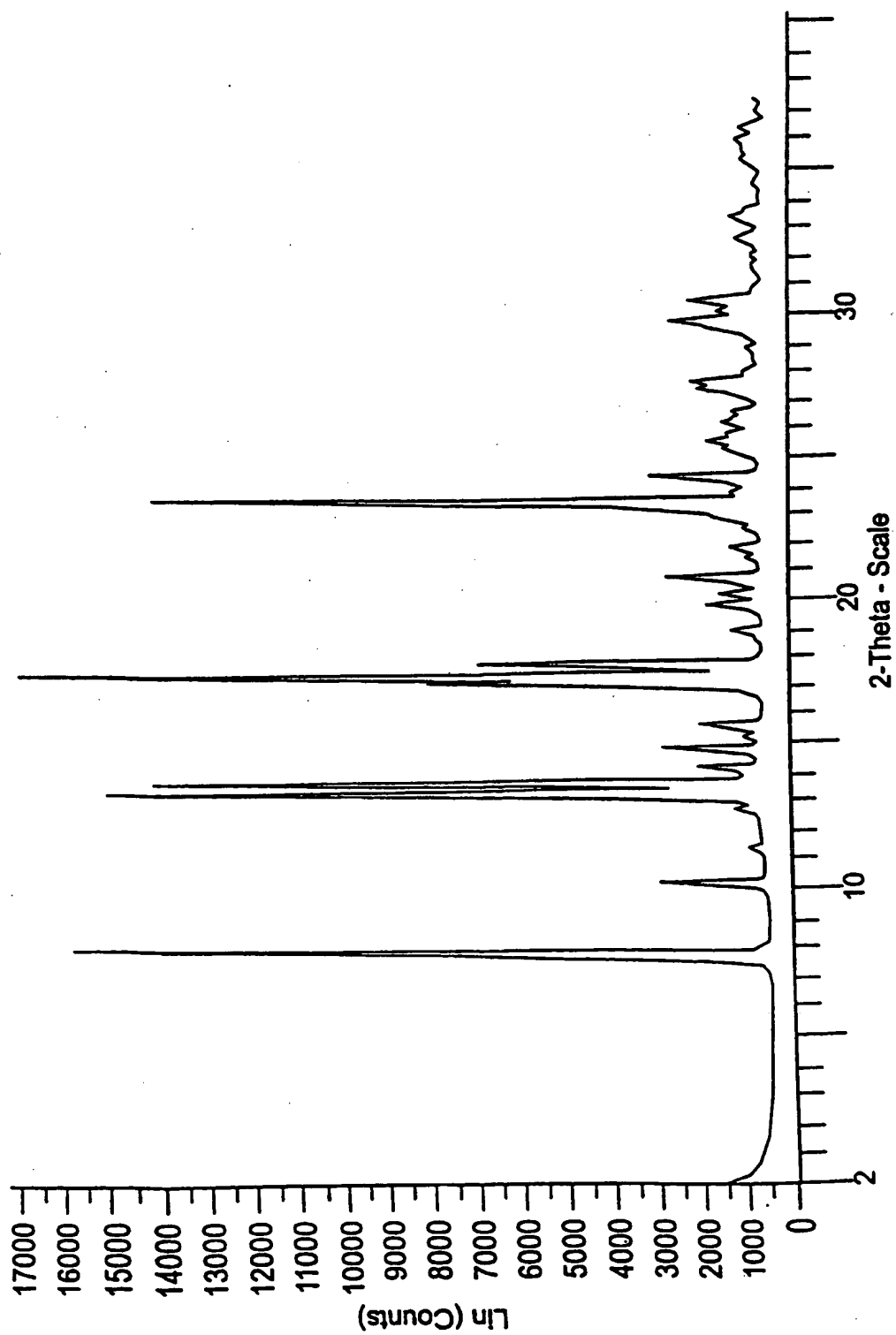


Fig. 1-C

Slz : 0.6360 mg  
Method: 10 DEG C/MIN AMB TO 300  
Comment: SEALED PAN

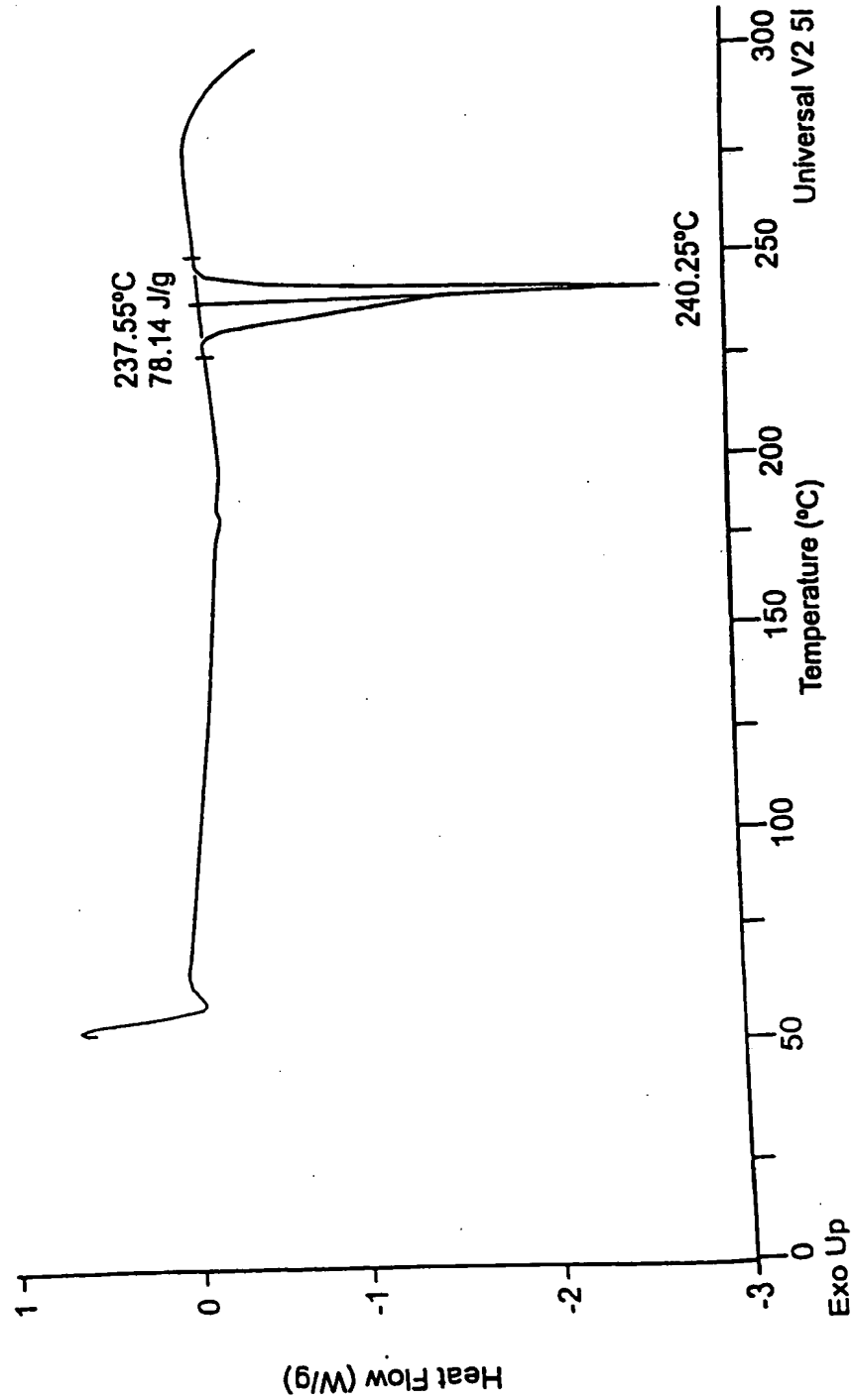


Fig. 2-A

Size: 1.7840 mg  
Method: 10 DEG C/MIN AMB TO 300  
Comment: SEALED PAN

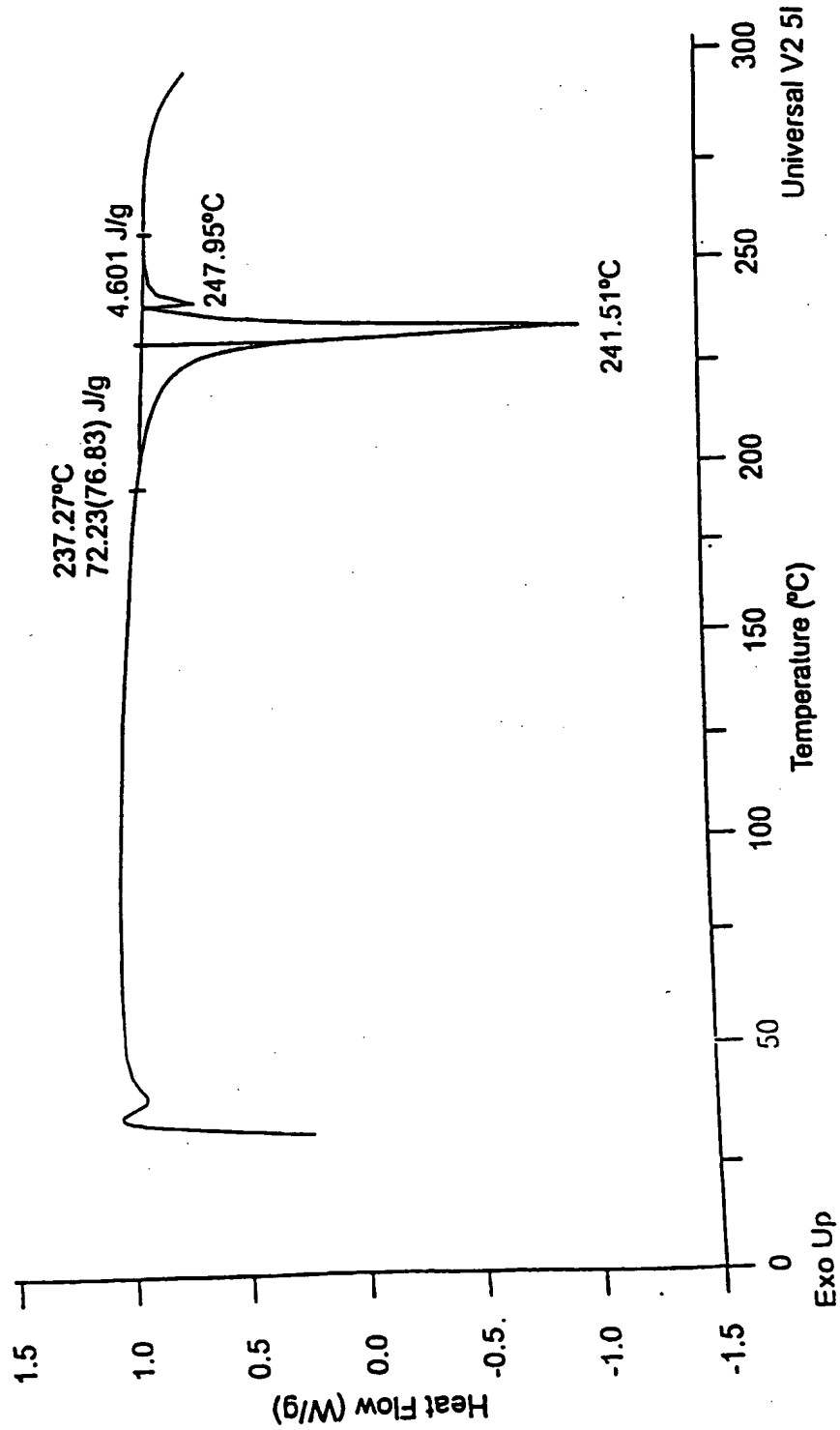


Fig. 2-B

Siz : 1.4230 mg  
Method: 10 DEG C/MIN AMB TO 300  
Comment: SEALED PAN

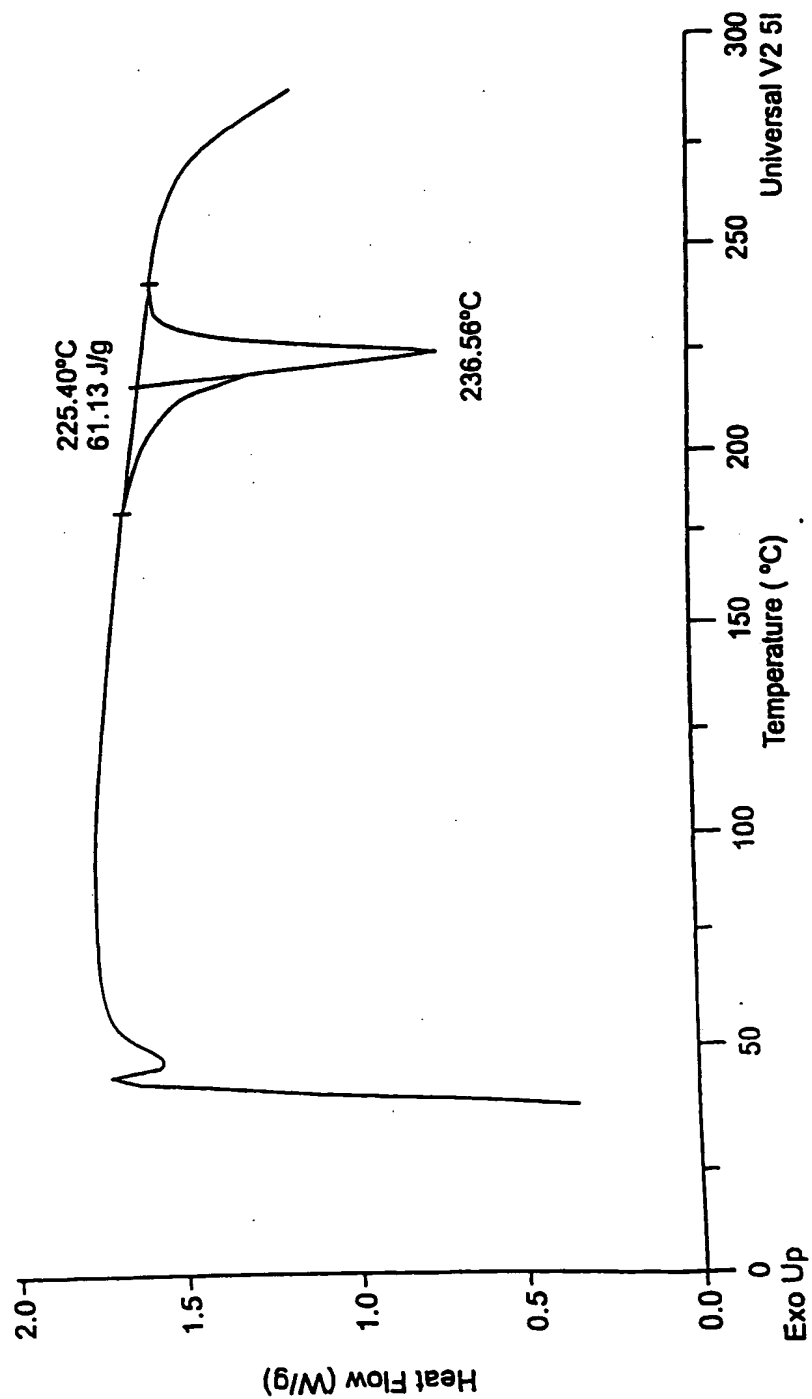


Fig. 2-C

Size: 1.0400 mg  
Method: 10 DEG C/MIN AMB TO 300  
Comment: SEALED PAN

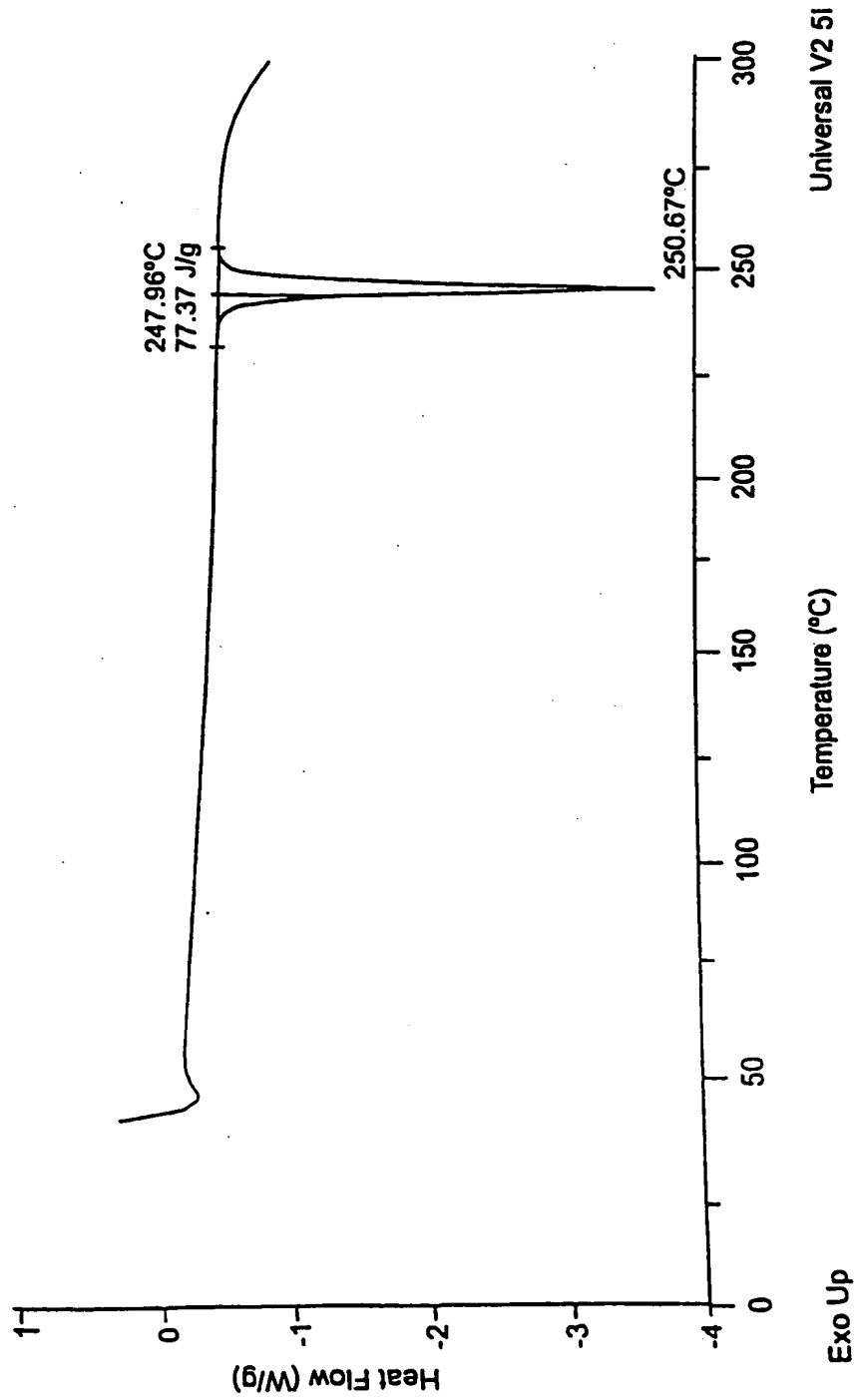


Fig. 2-D

Sample Weight 15.300 mg

Comment

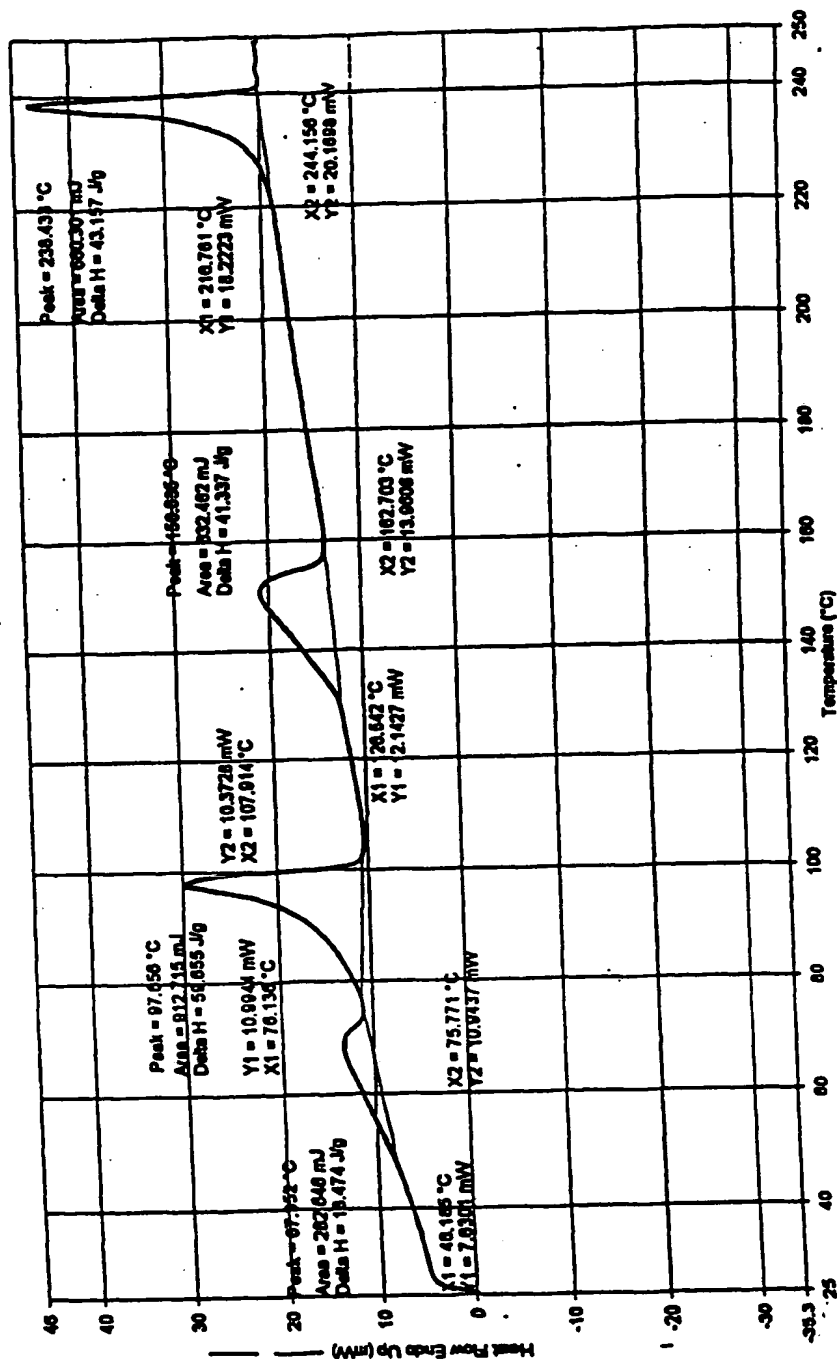
N-Propyl Alcohol solute 1  
unseparated DRI

Fig. 2-E



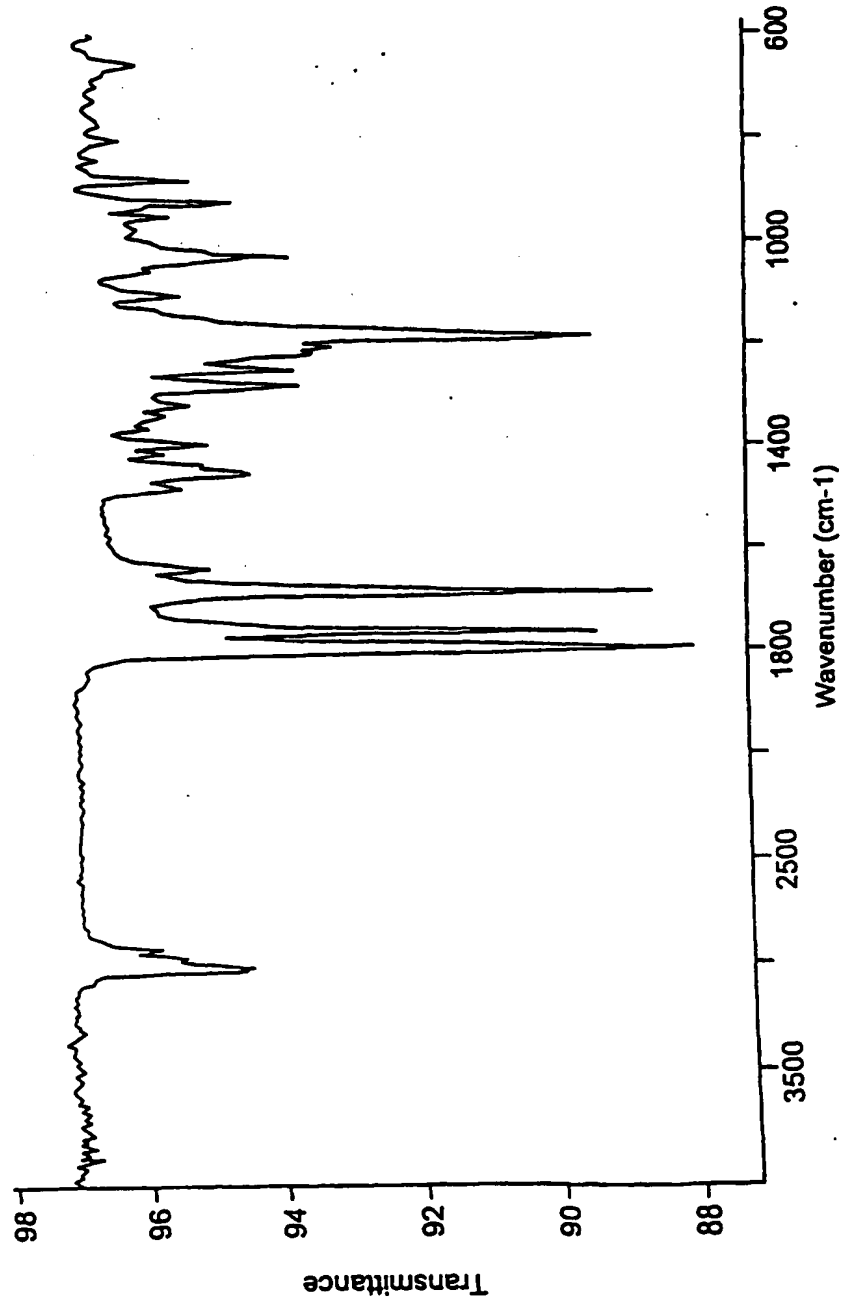


Fig. 3-A

10/55

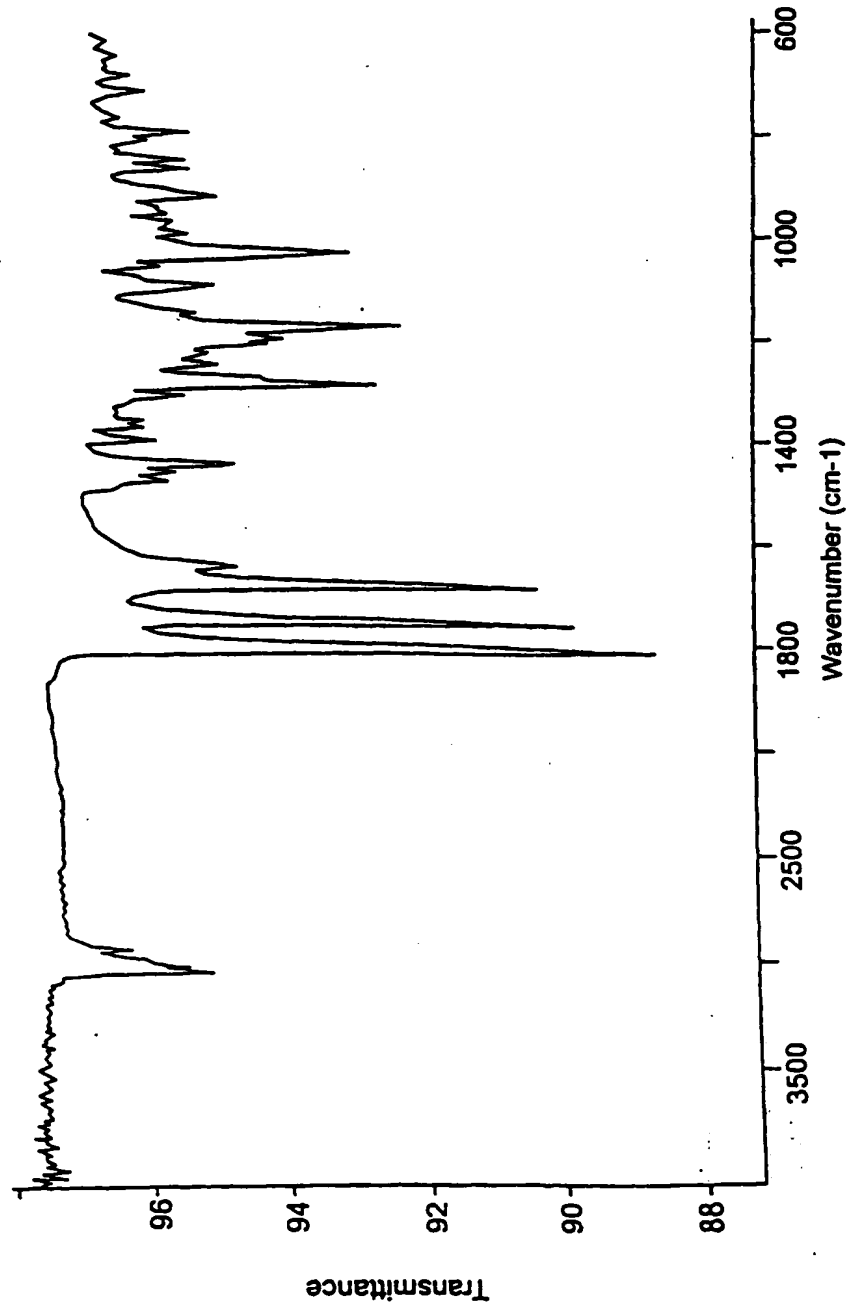


Fig. 3-B

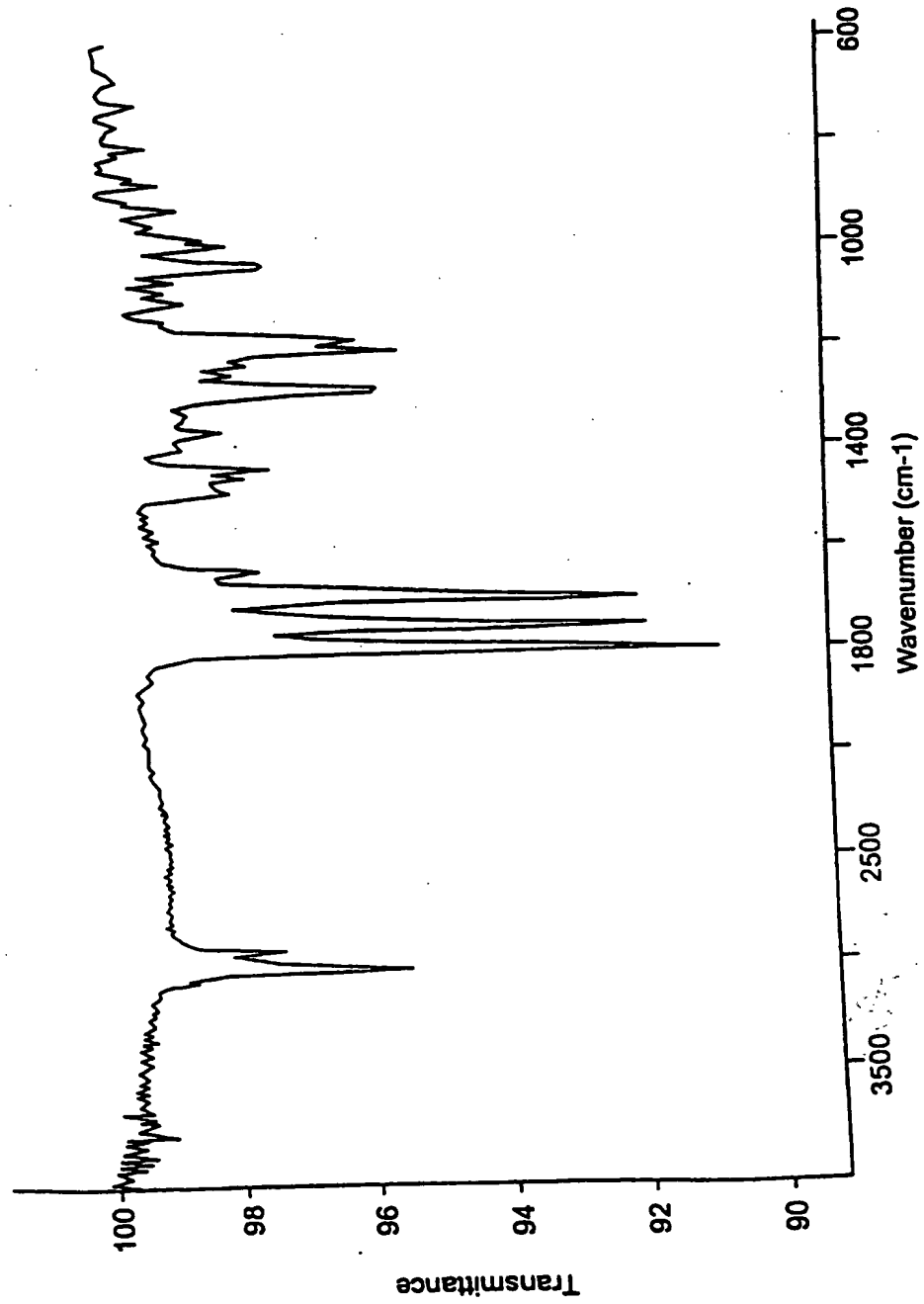


Fig. 3-C

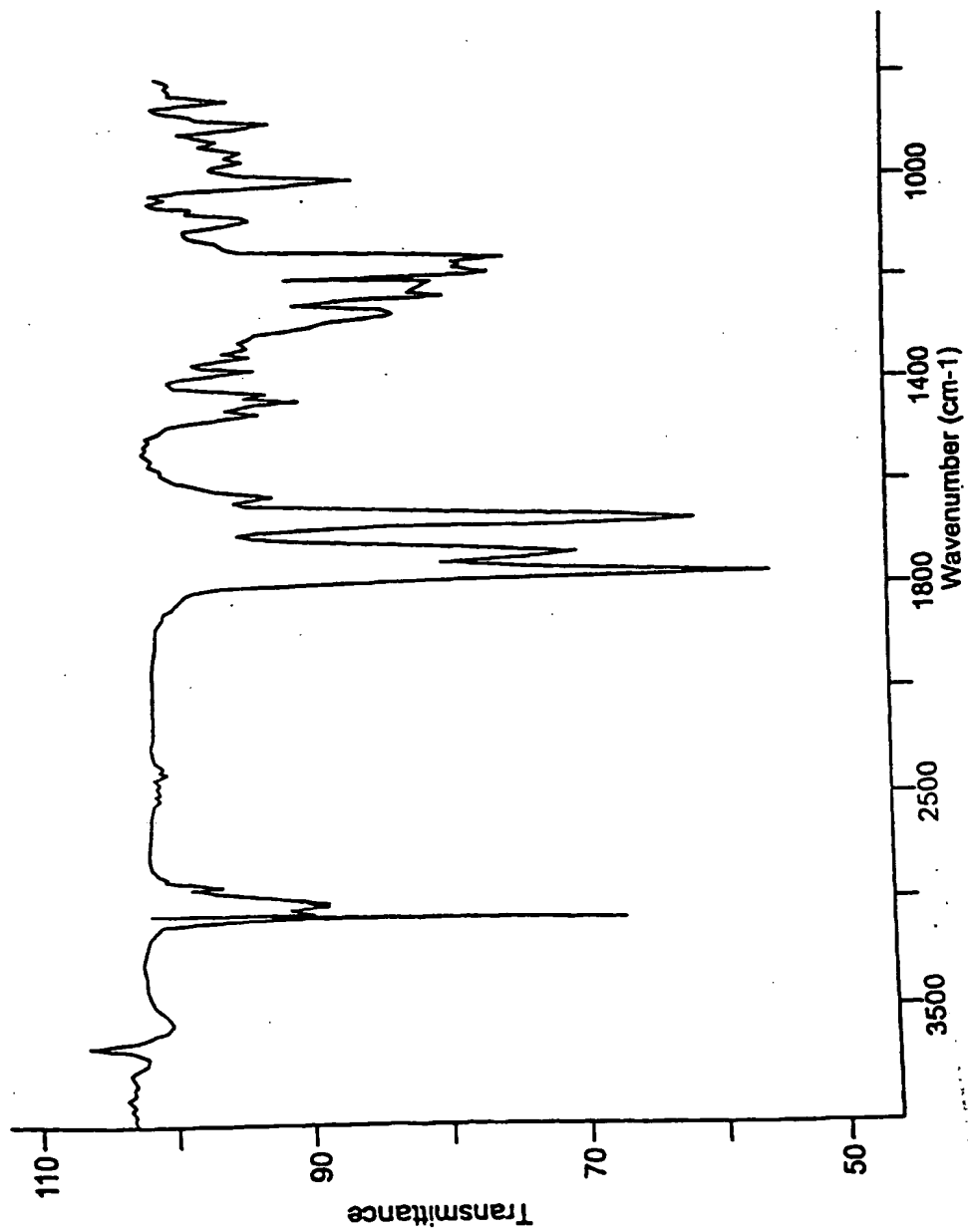


Fig. 3-D

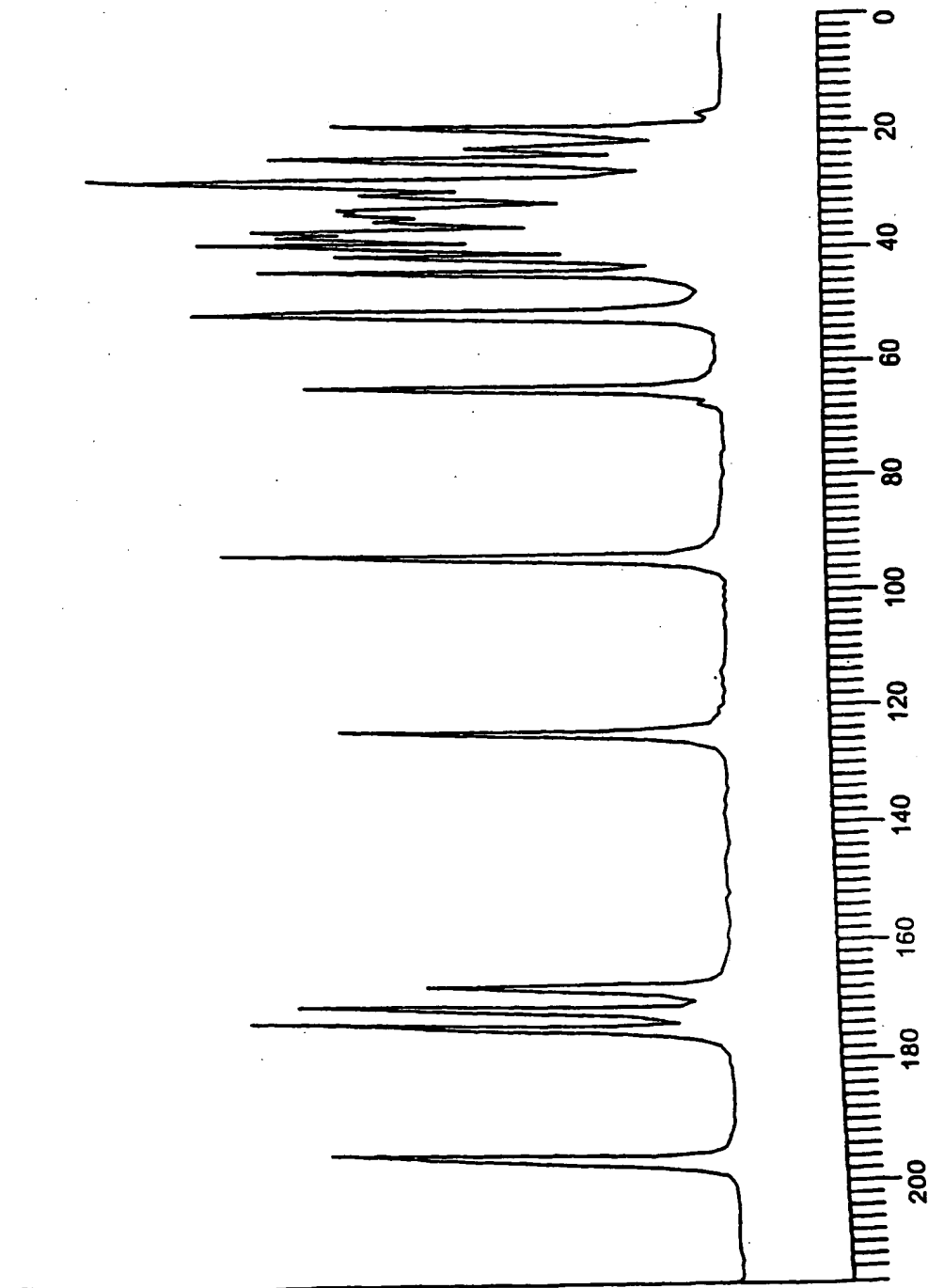


Fig. 4

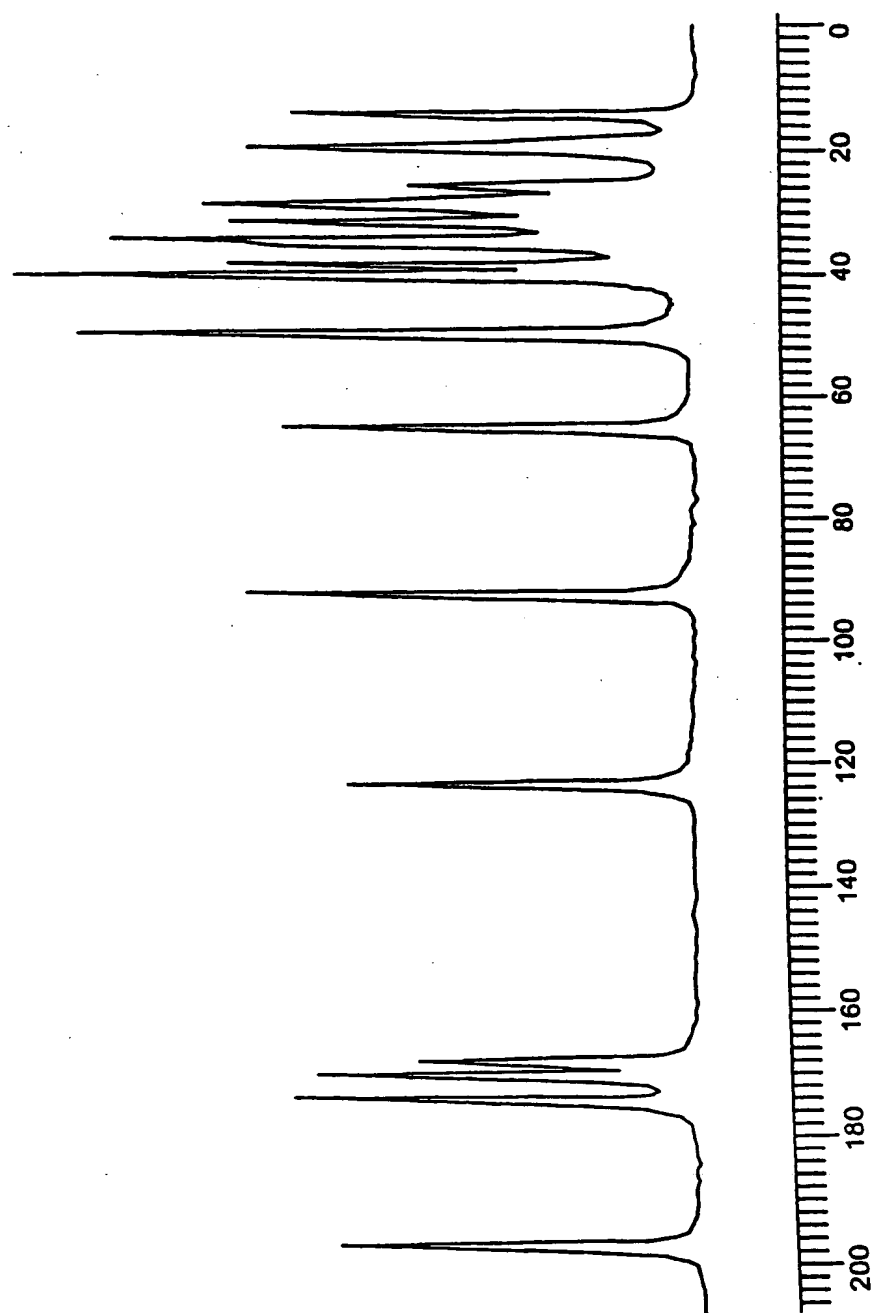


Fig. 5

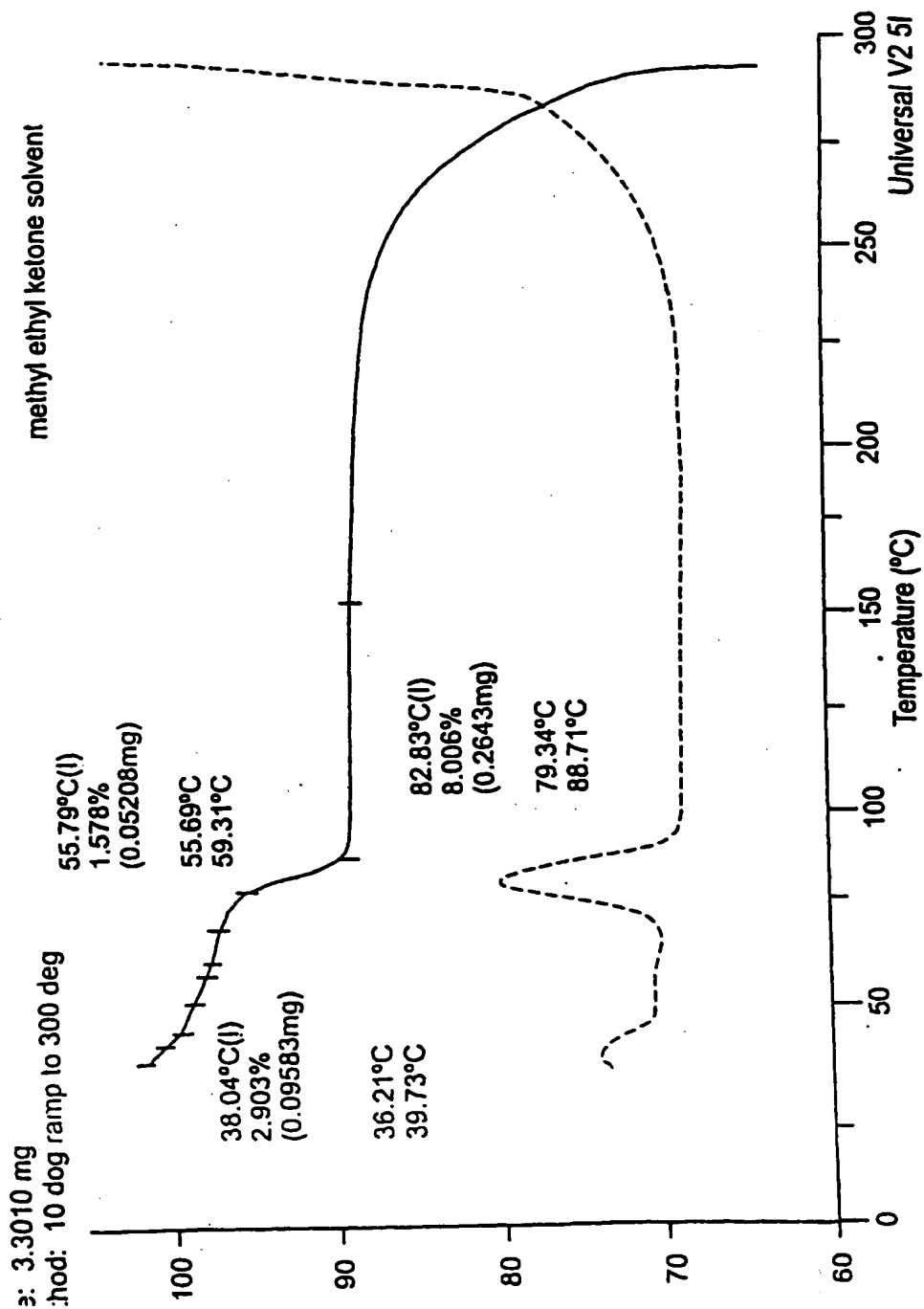


Fig. 6-A

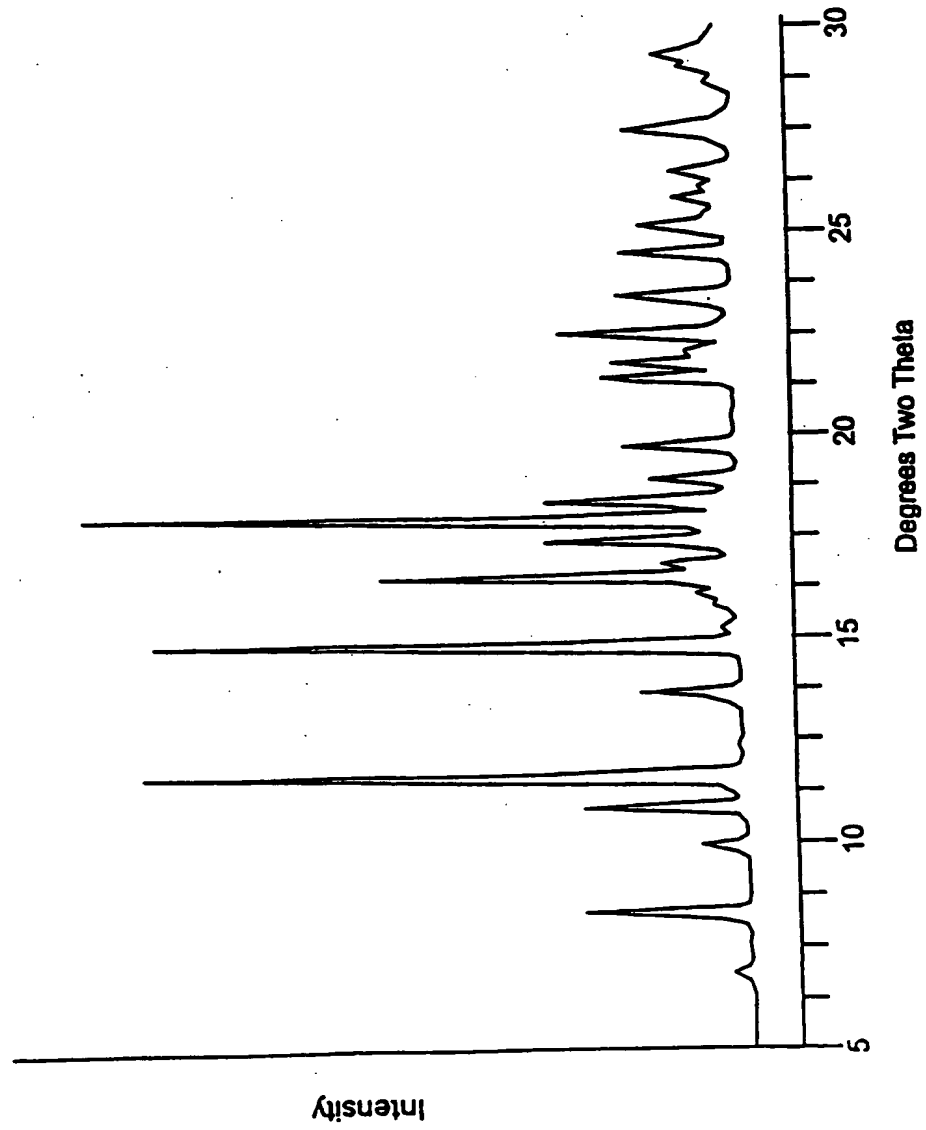


Fig. 7



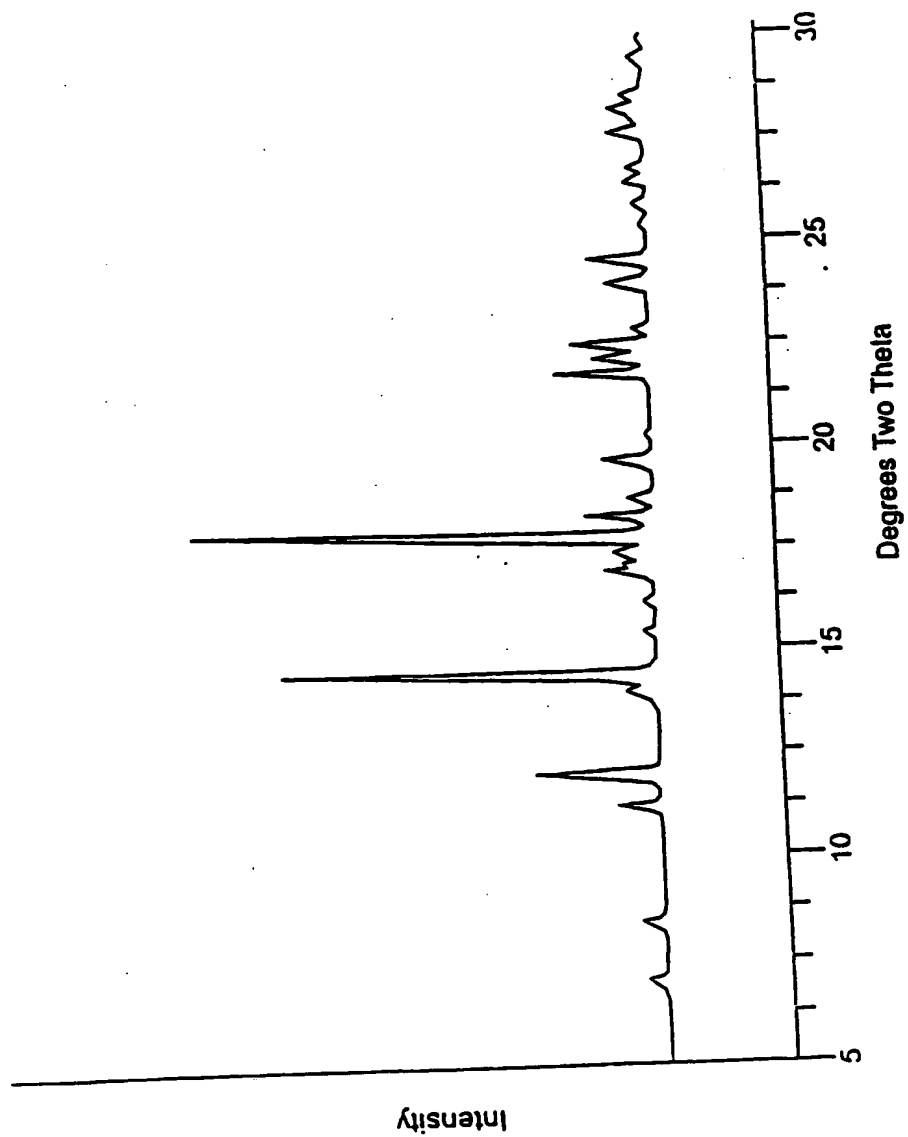


Fig. 8

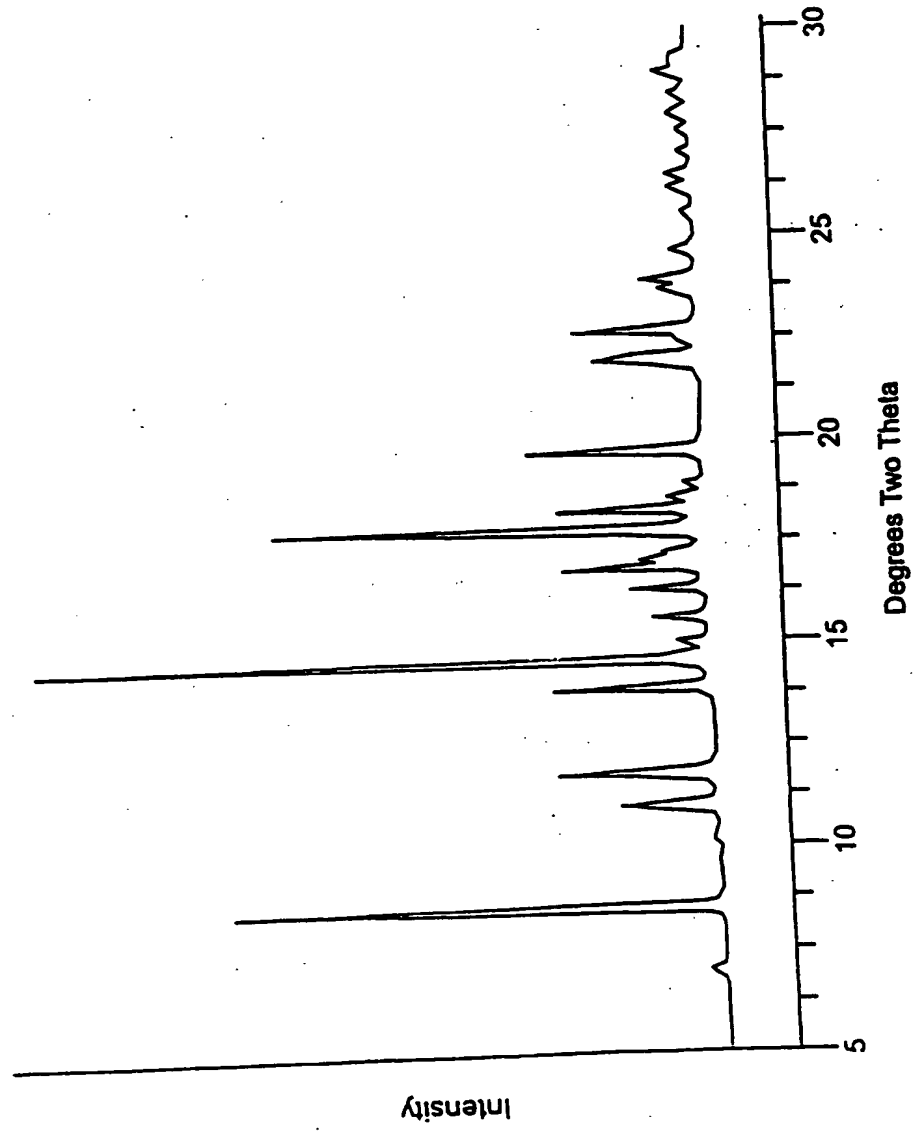


Fig. 9

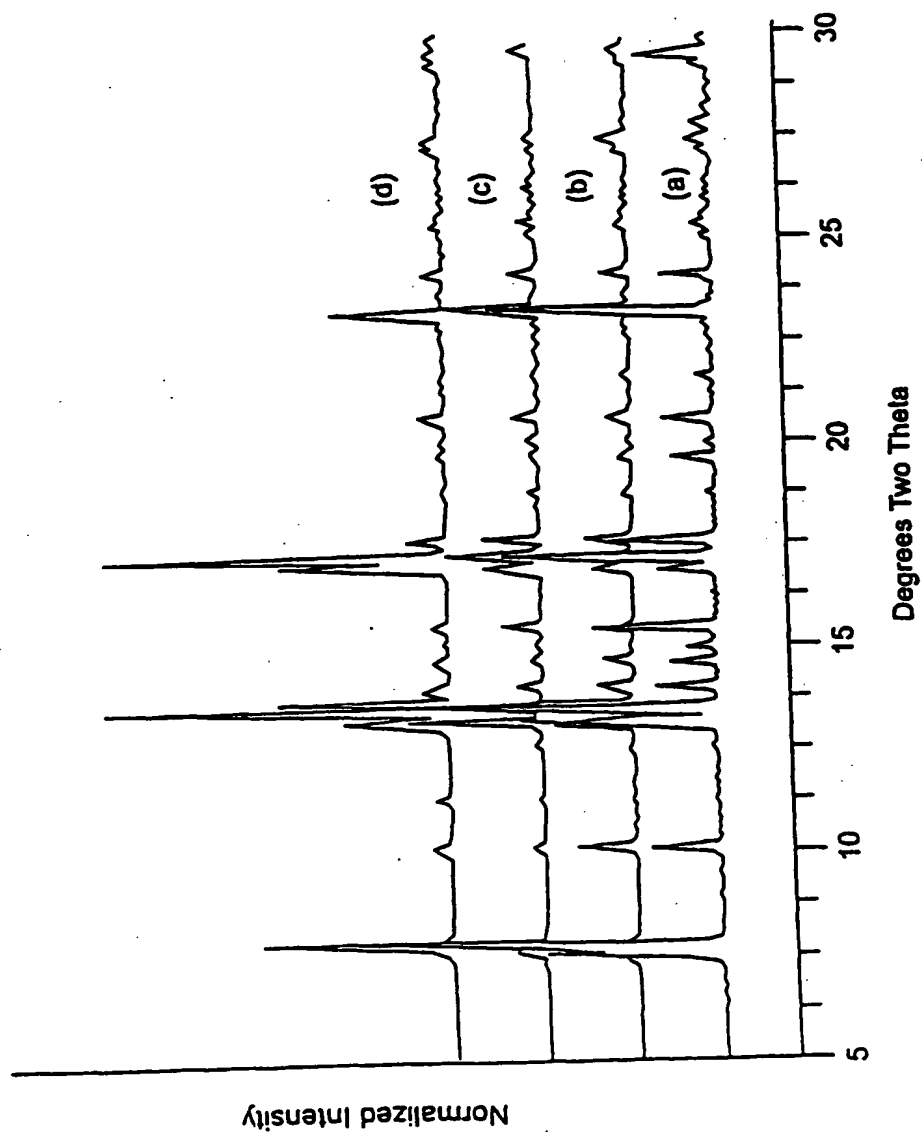


Fig. 10

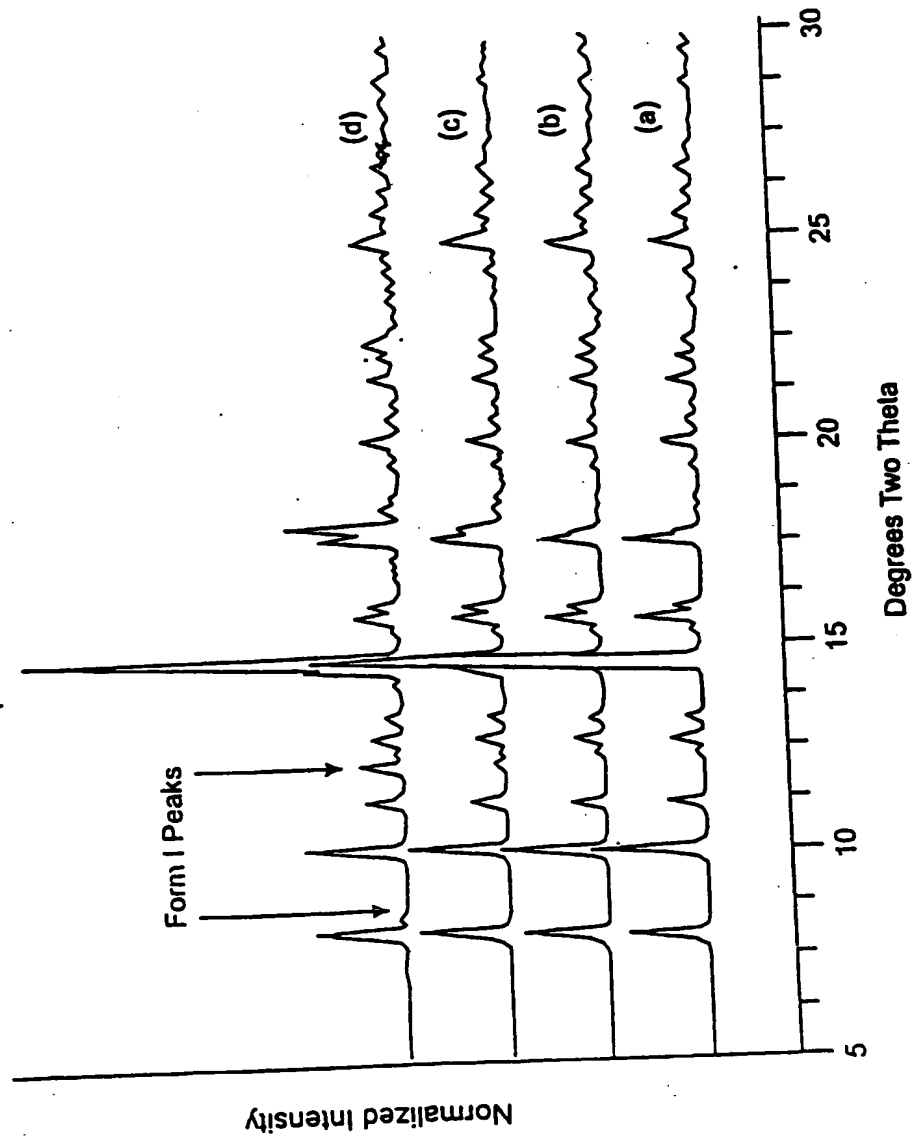


Fig. 11

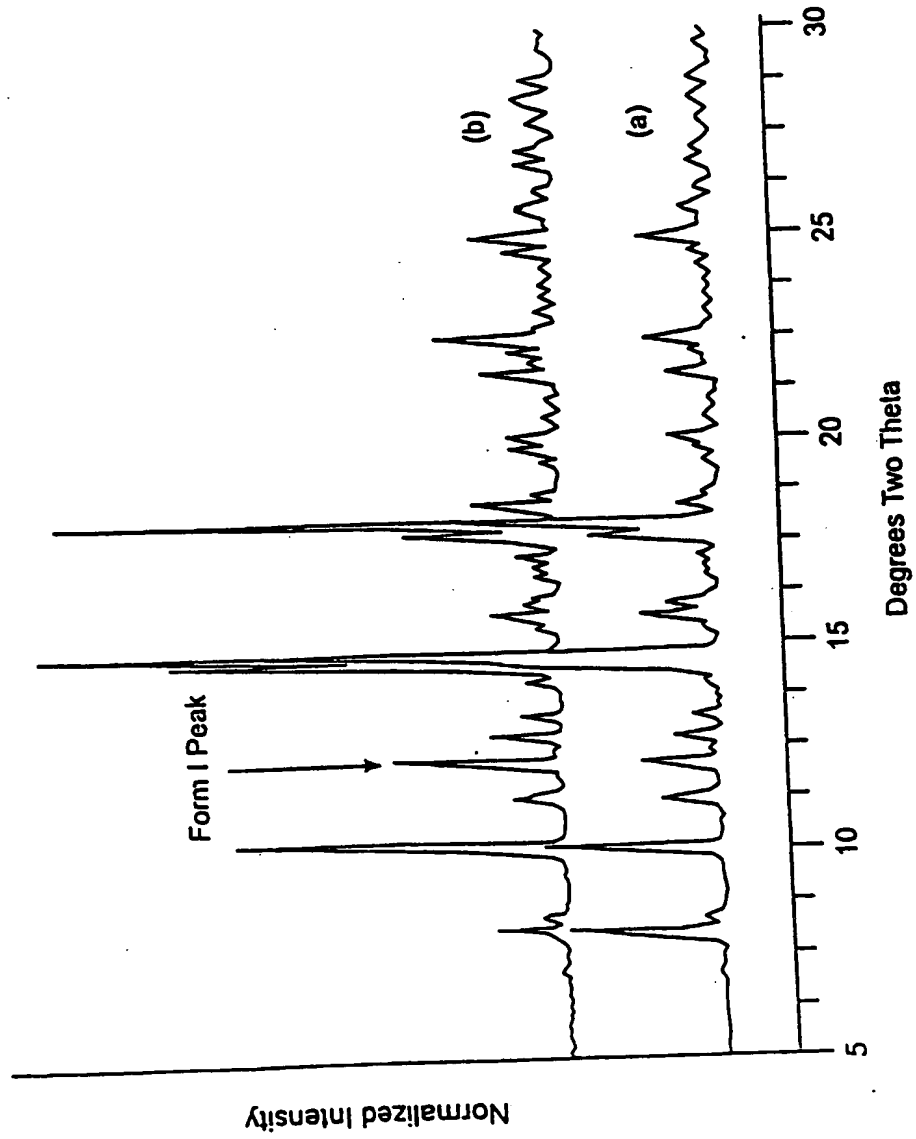


Fig. 12

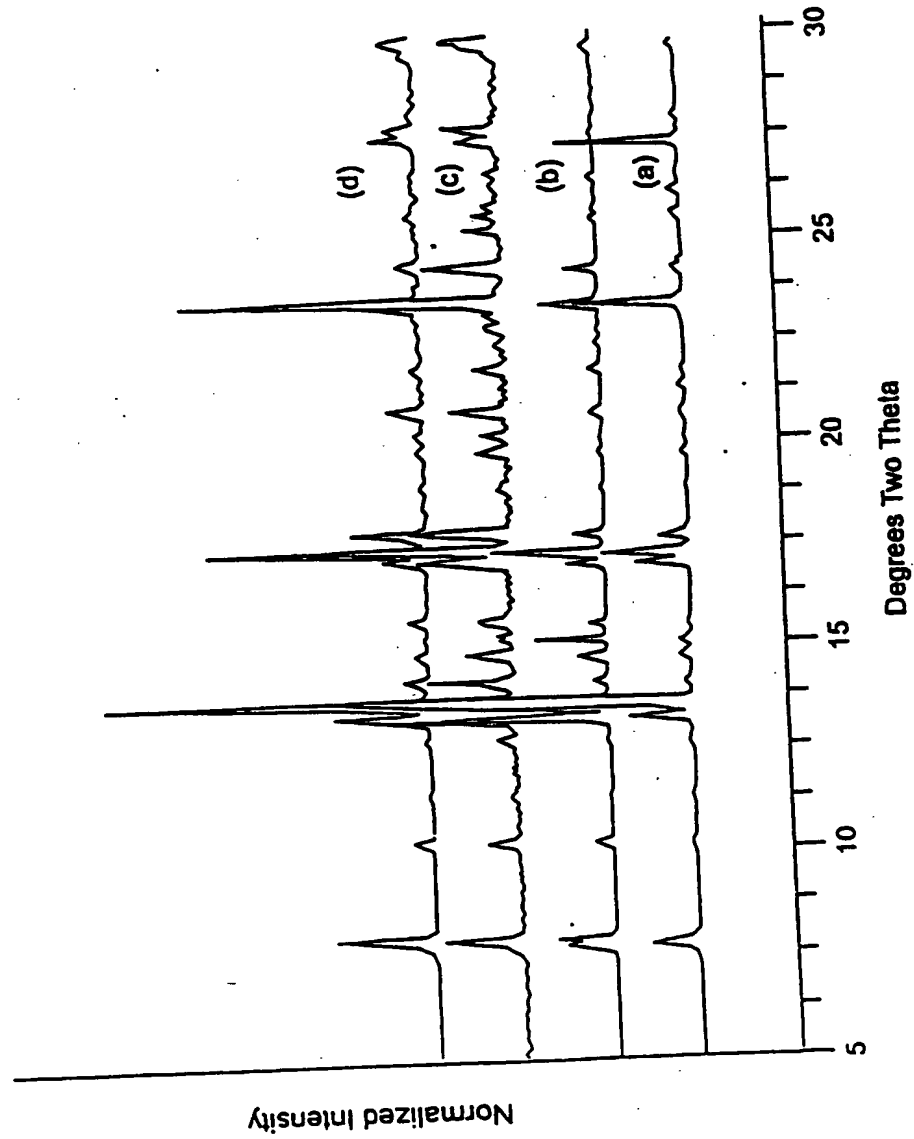


Fig. 13

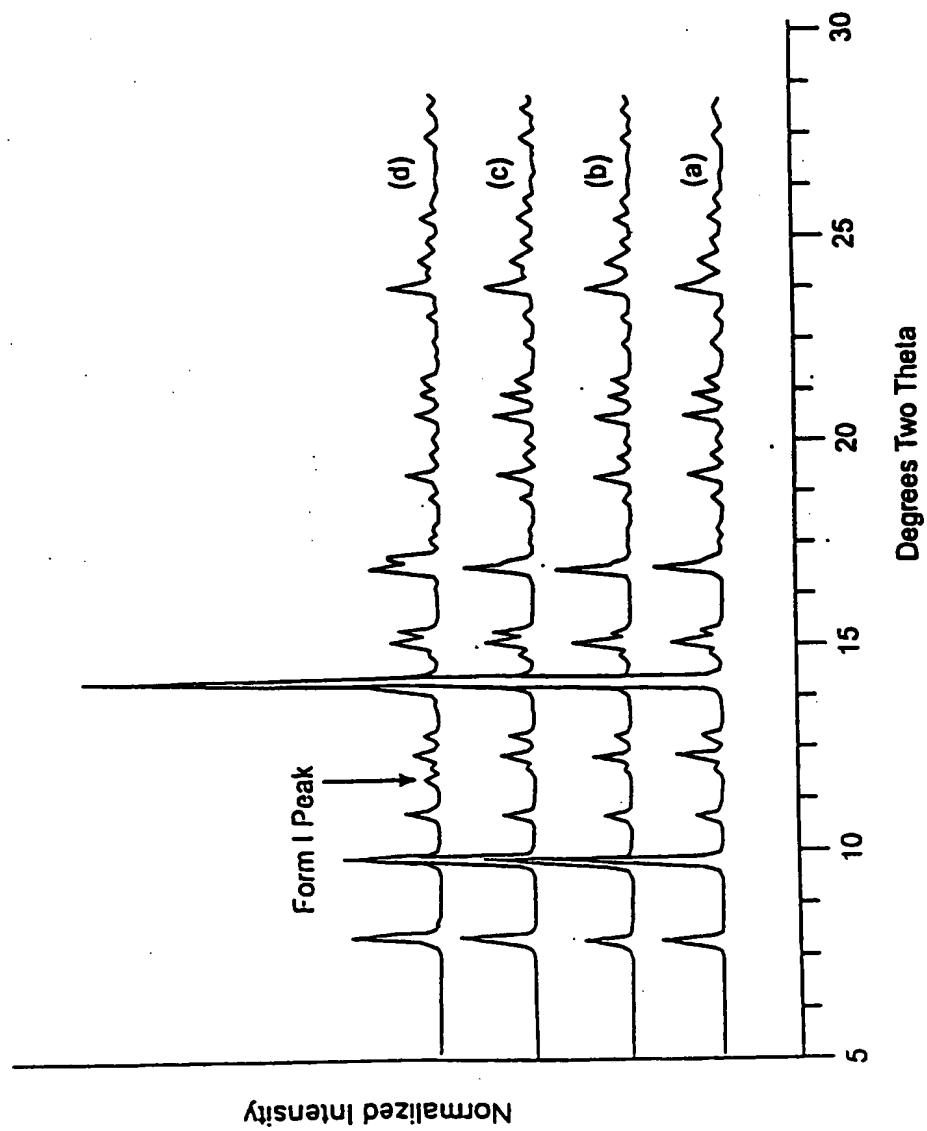


Fig. 14

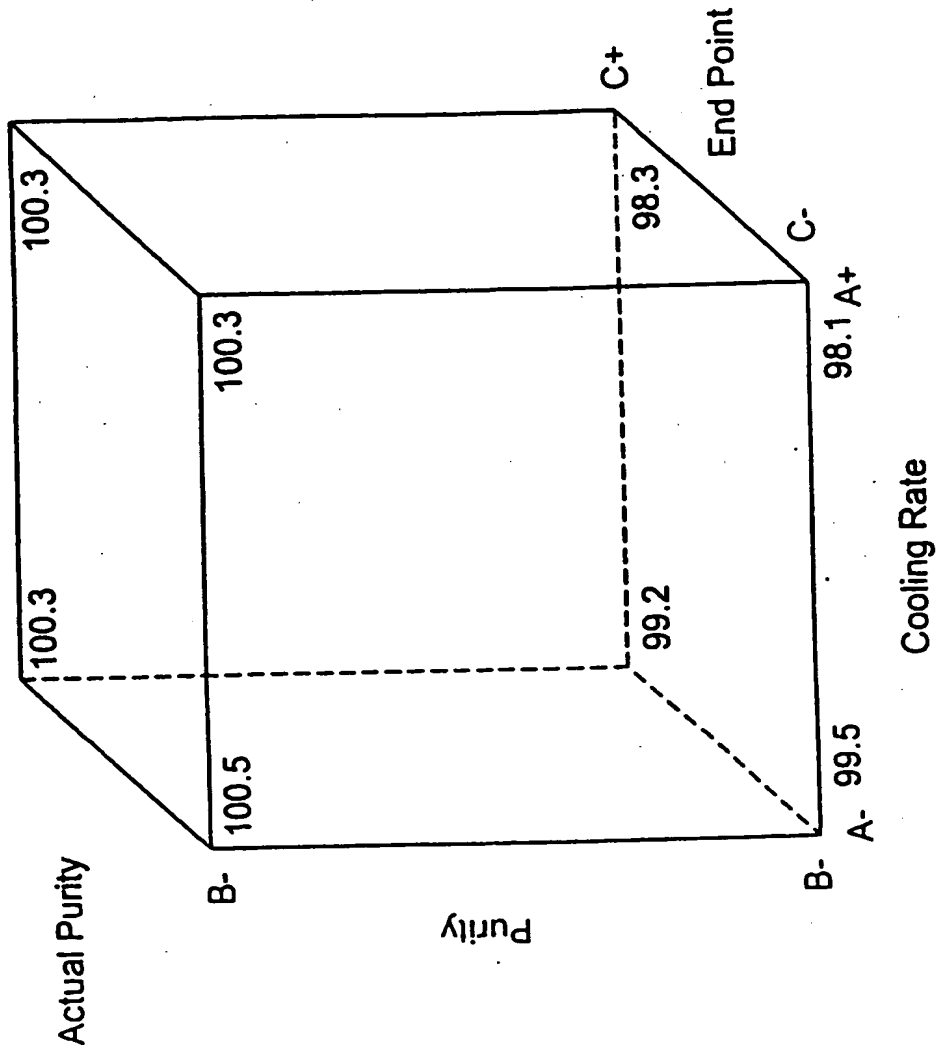
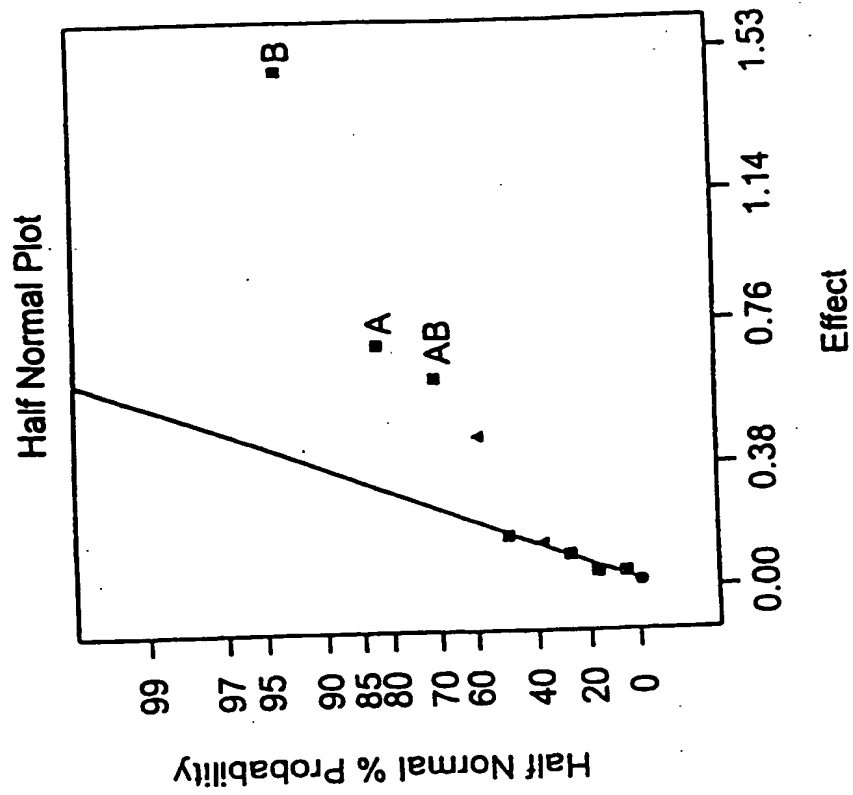


Fig. 15





Purity

A: Cooling Rate  
B: Purity  
C: End Point

Fig. 16

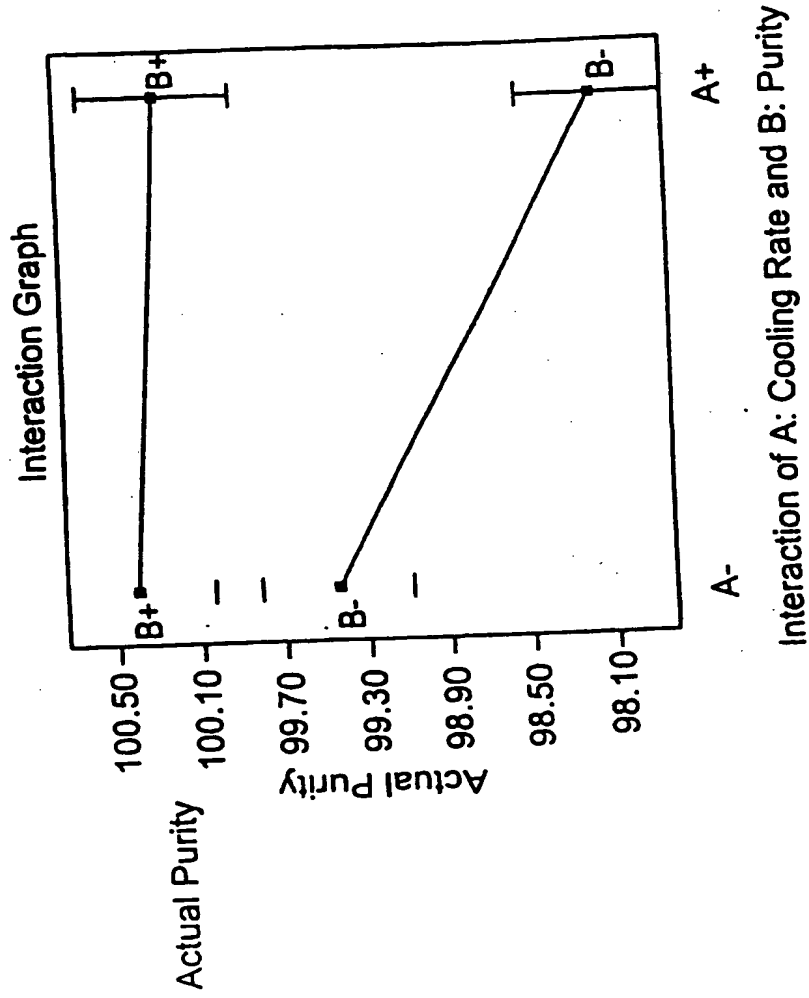


Fig. 17

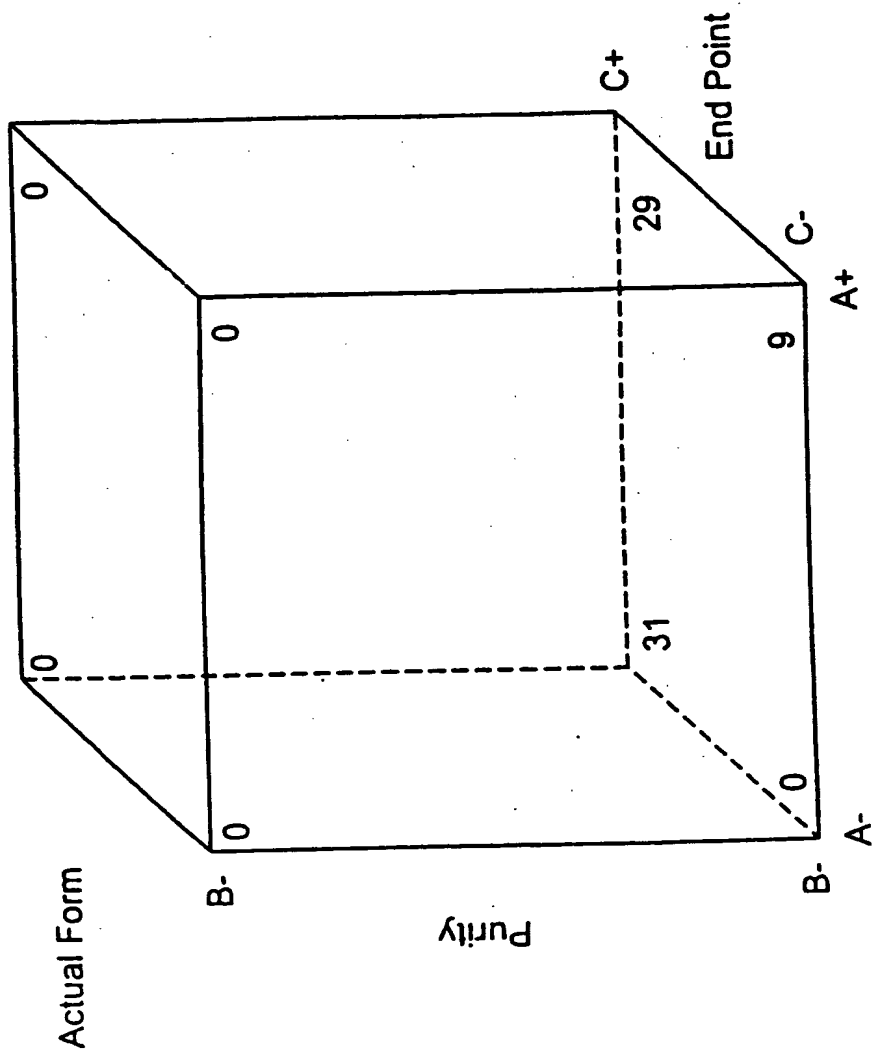


Fig. 18

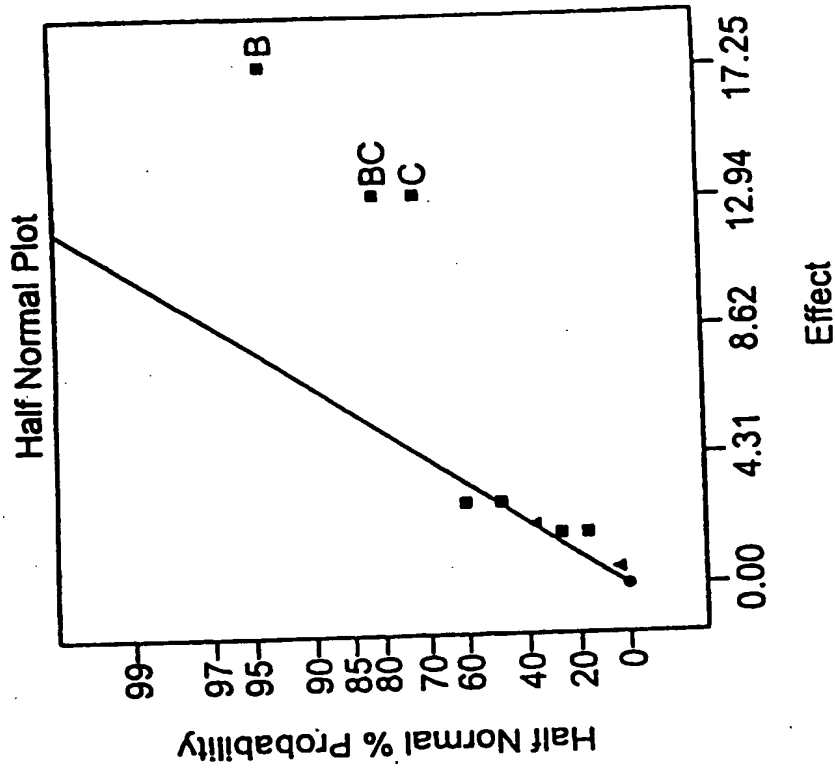


Fig. 19

Form

A: Cooling Rate

B: Purity

C: End Point

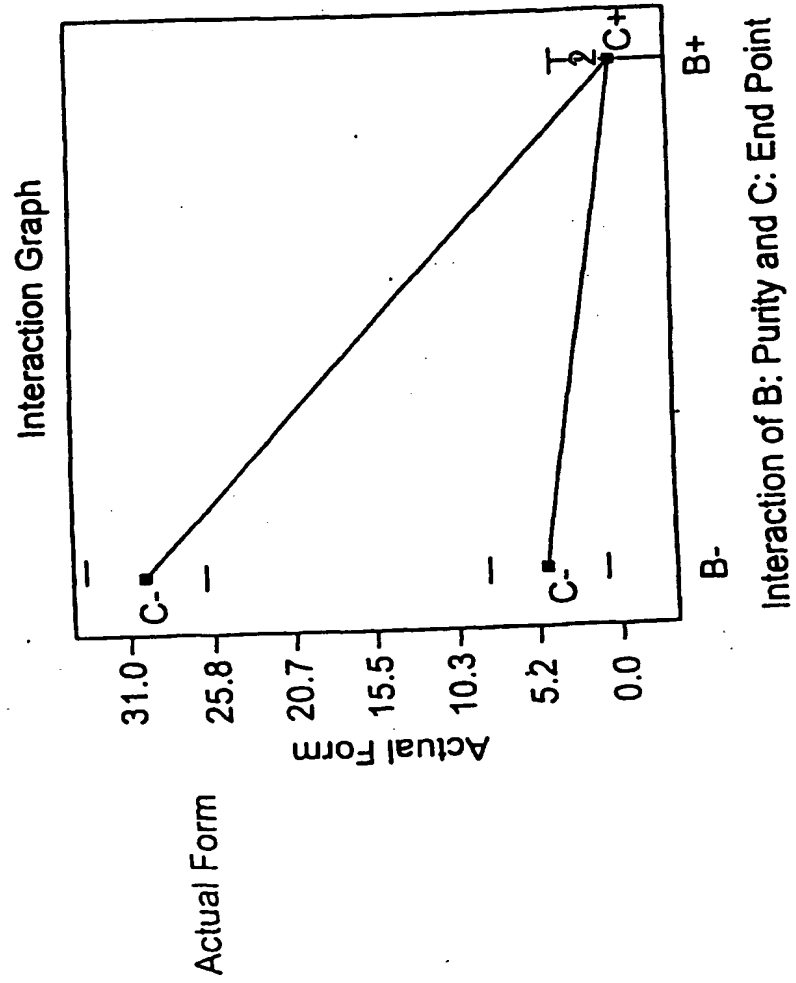


Fig. 20

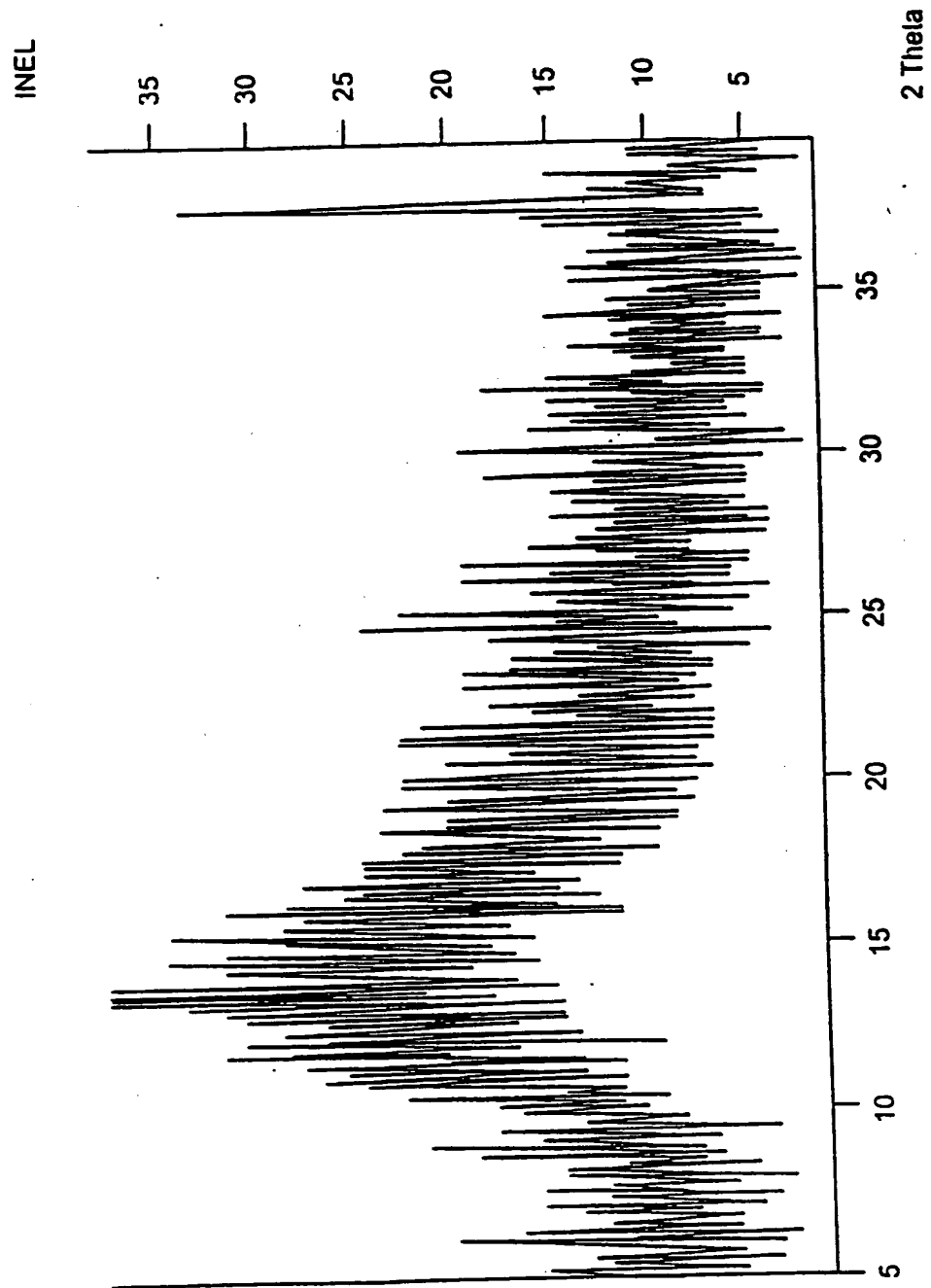


Fig. 21

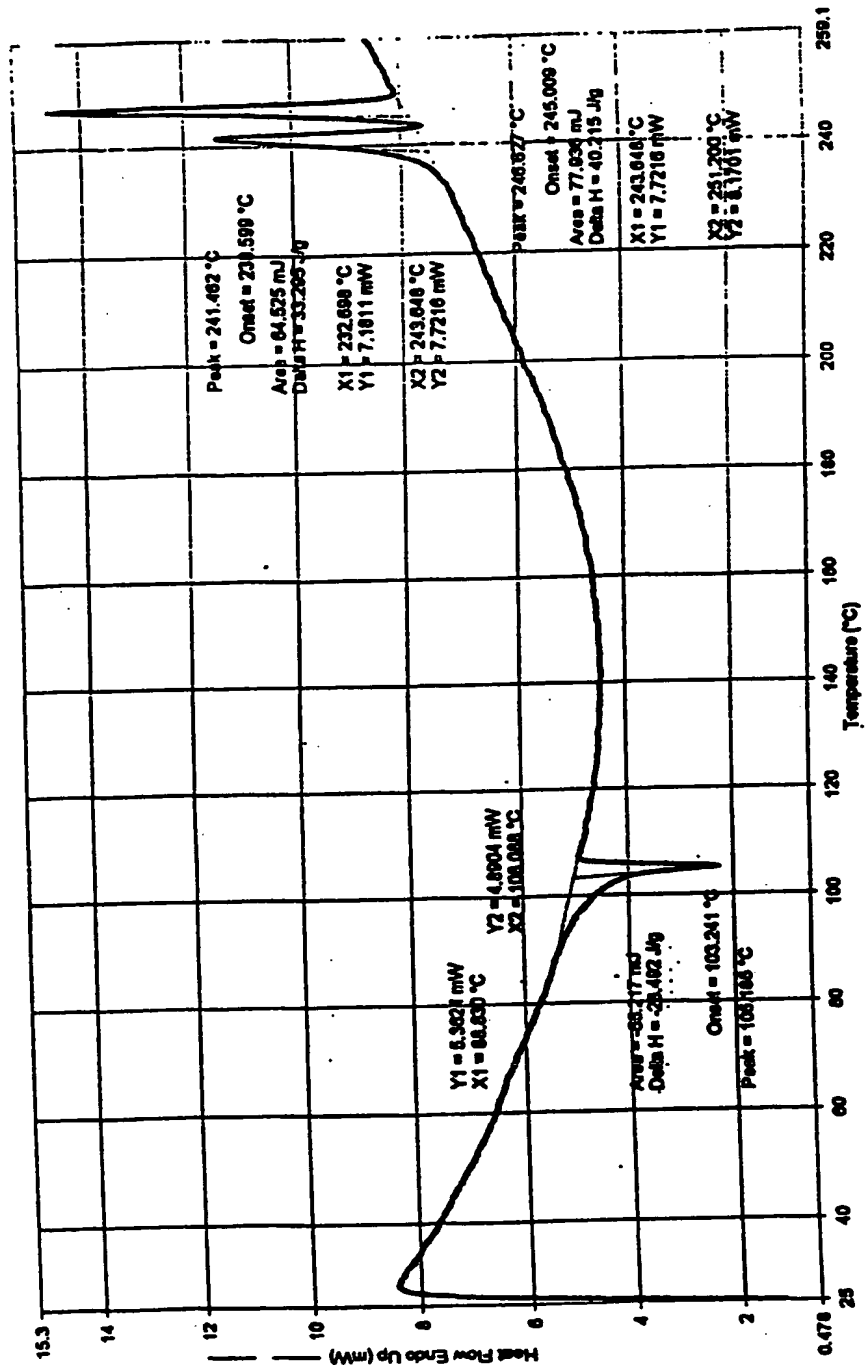


Fig. 22

# Systolic Blood Pressure in Angiotensin II- or Vehicle-Infused Rats

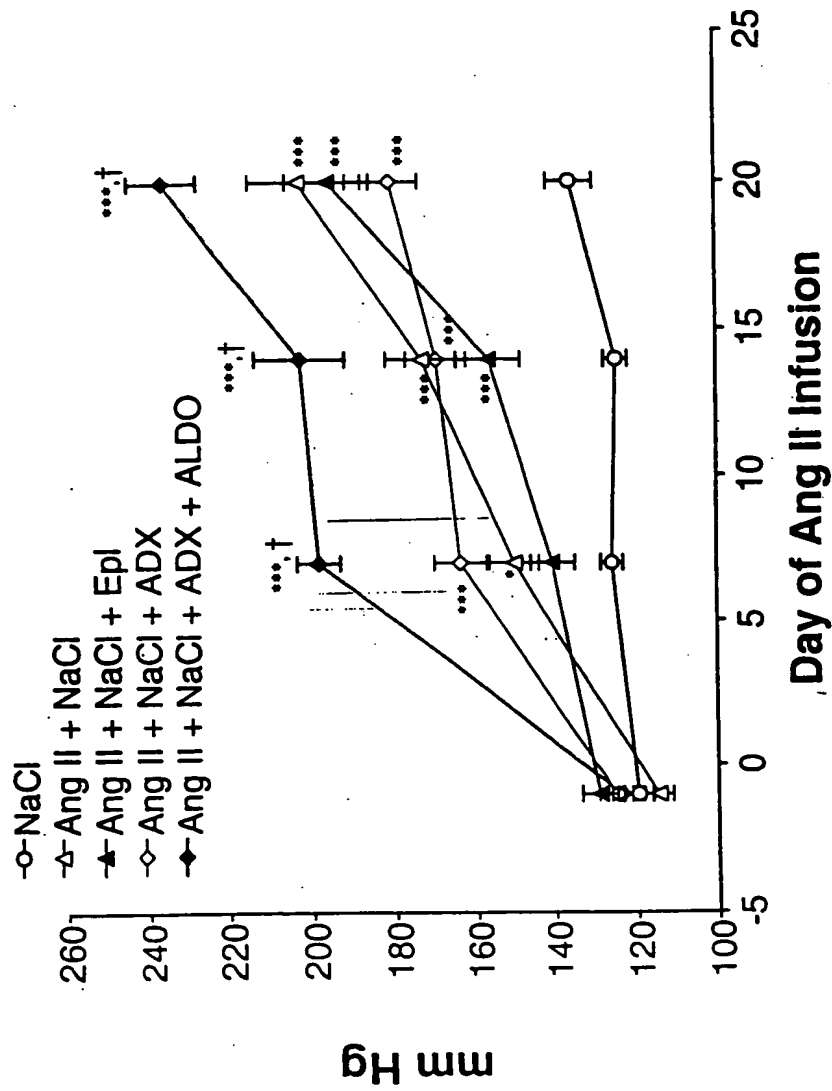


Fig. 23



# Eplerenone Prevents the Vascular Inflammatory Lesions in Angiotensin II/Salt Hypertensive Rats



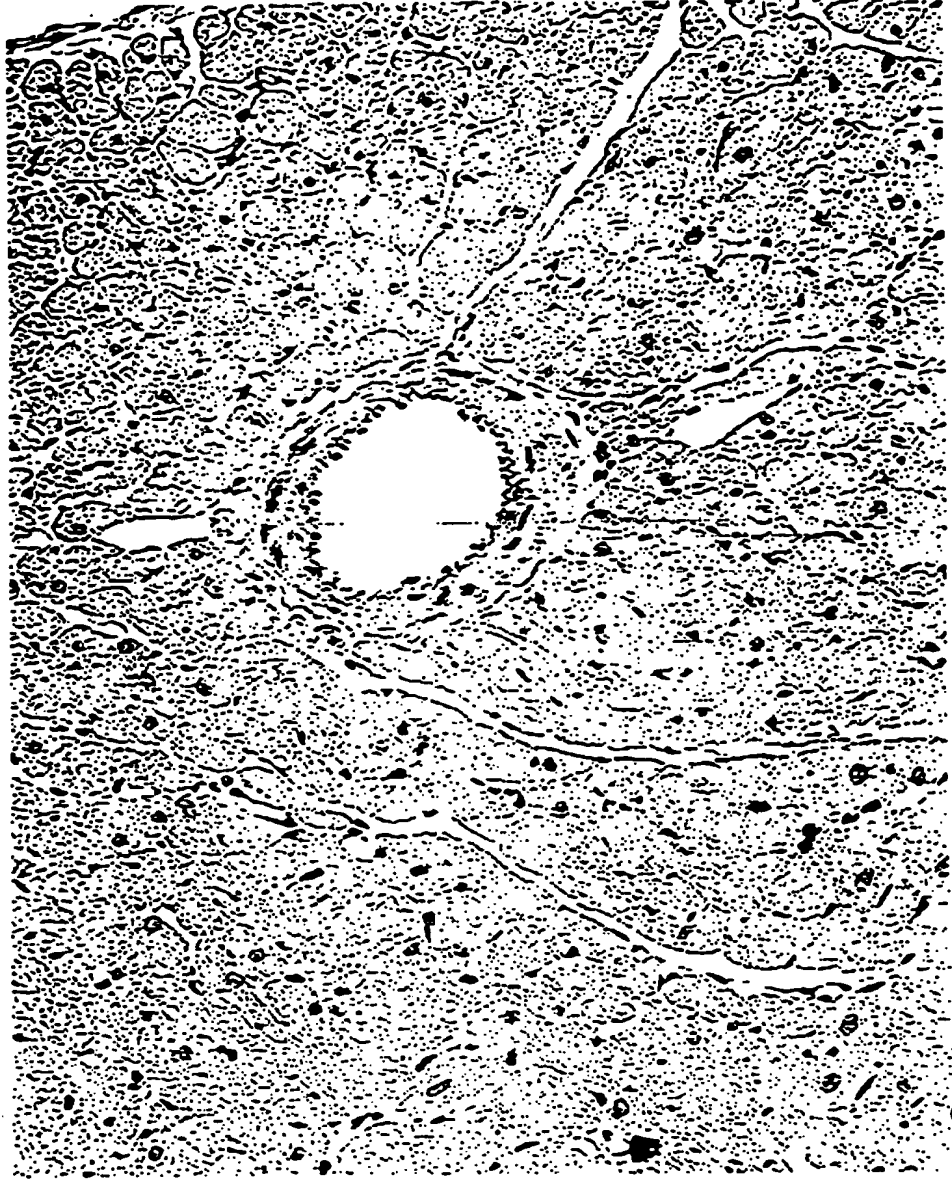
Vehicle

Eplerenone

Fig. 24

## COX-2 is Not Expressed in the Heart of 1% NaCl-Drinking Rats

---



1% NaCl

FIGURE 25

## Angiotensin II/NaCl Treatment Induces COX-2 Expression in the Media of Coronary Arteries in Rats



Angiotensin II + NaCl

FIGURE 26

# Eplerenone Prevents COX-2 Expression in Coronary Arteries in Angiotensin II/Salt Hypertensive Rats

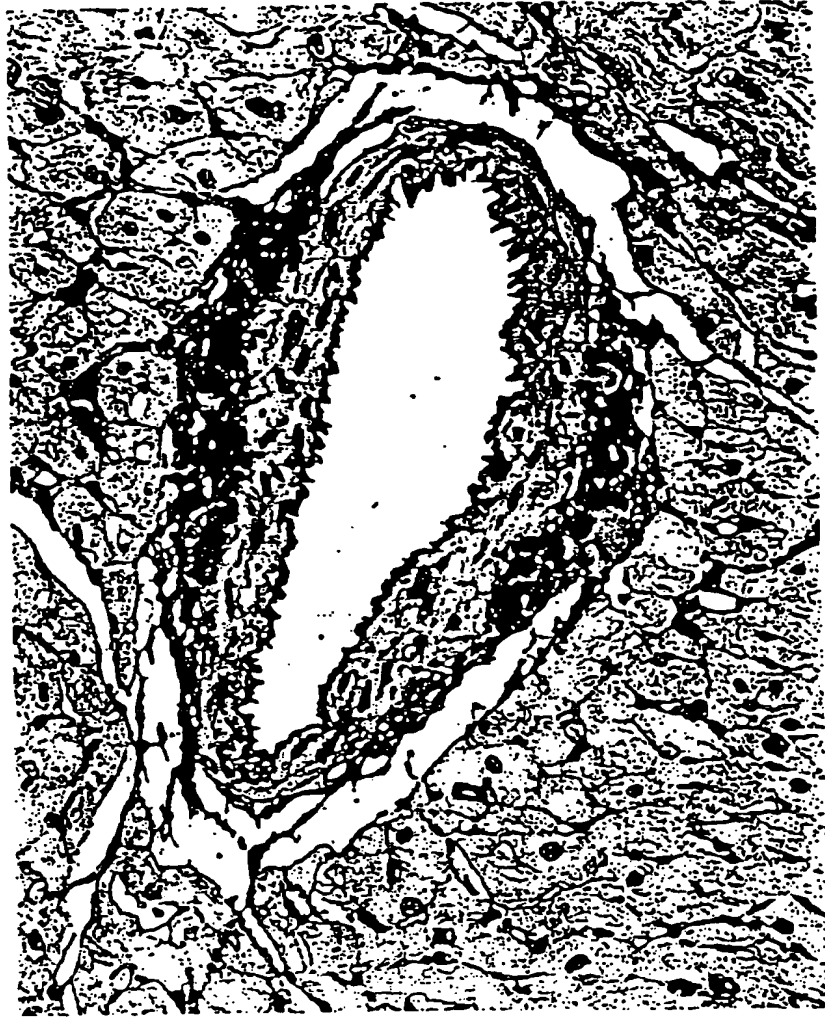


FIGURE 27

Angiotensin II + NaCl + Eplerenone

Osteopontin is Not Expressed in the Normal Heart

---



Saline-Drinking Control

FIGURE 28

# Eplerenone Prevents Osteopontin Expression in Coronary Arteries of Aldosterone/Salt/Uninephrectomized Rats

---



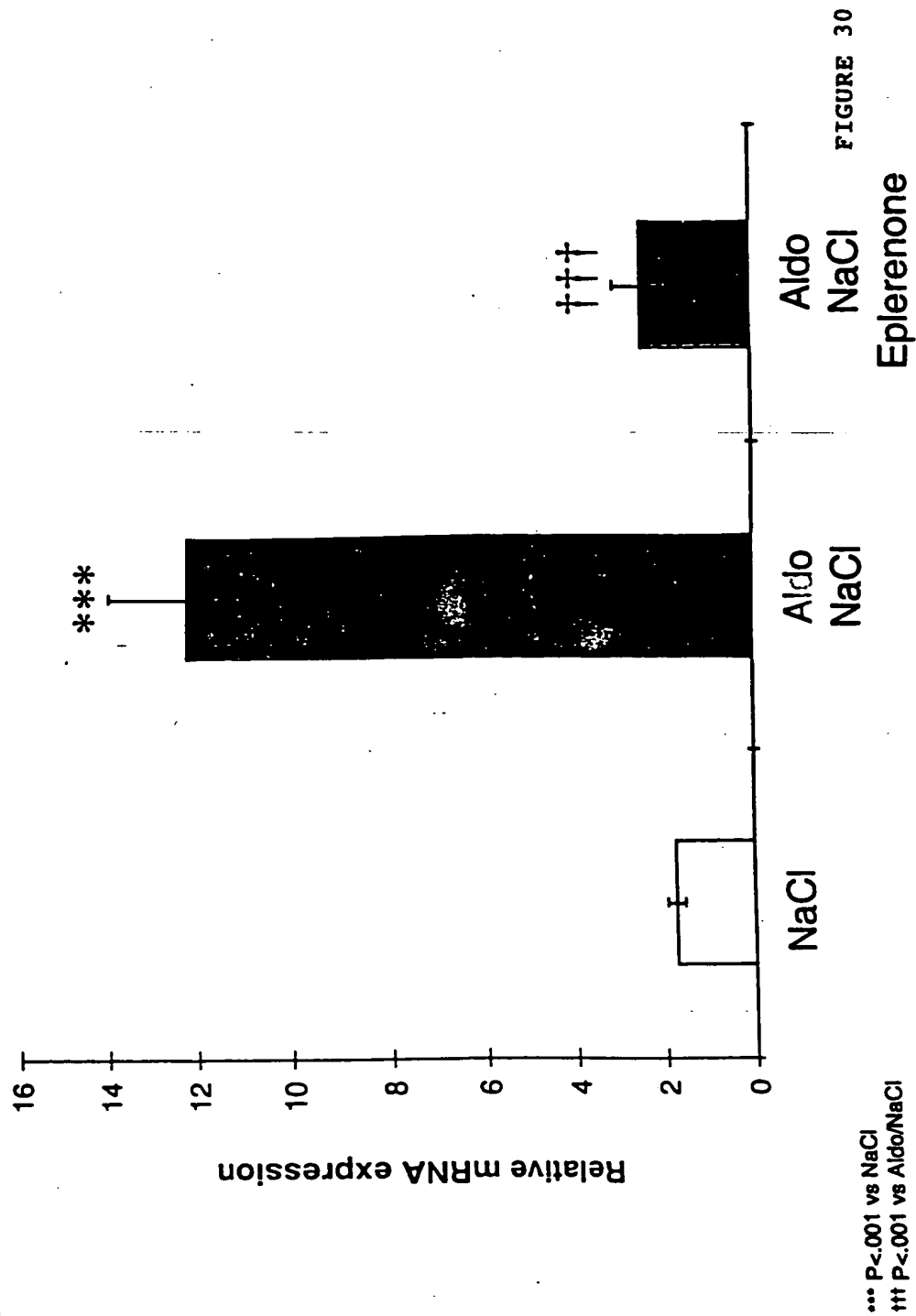
Aldosterone/Salt with  
Eplerenone

FIGURE 29

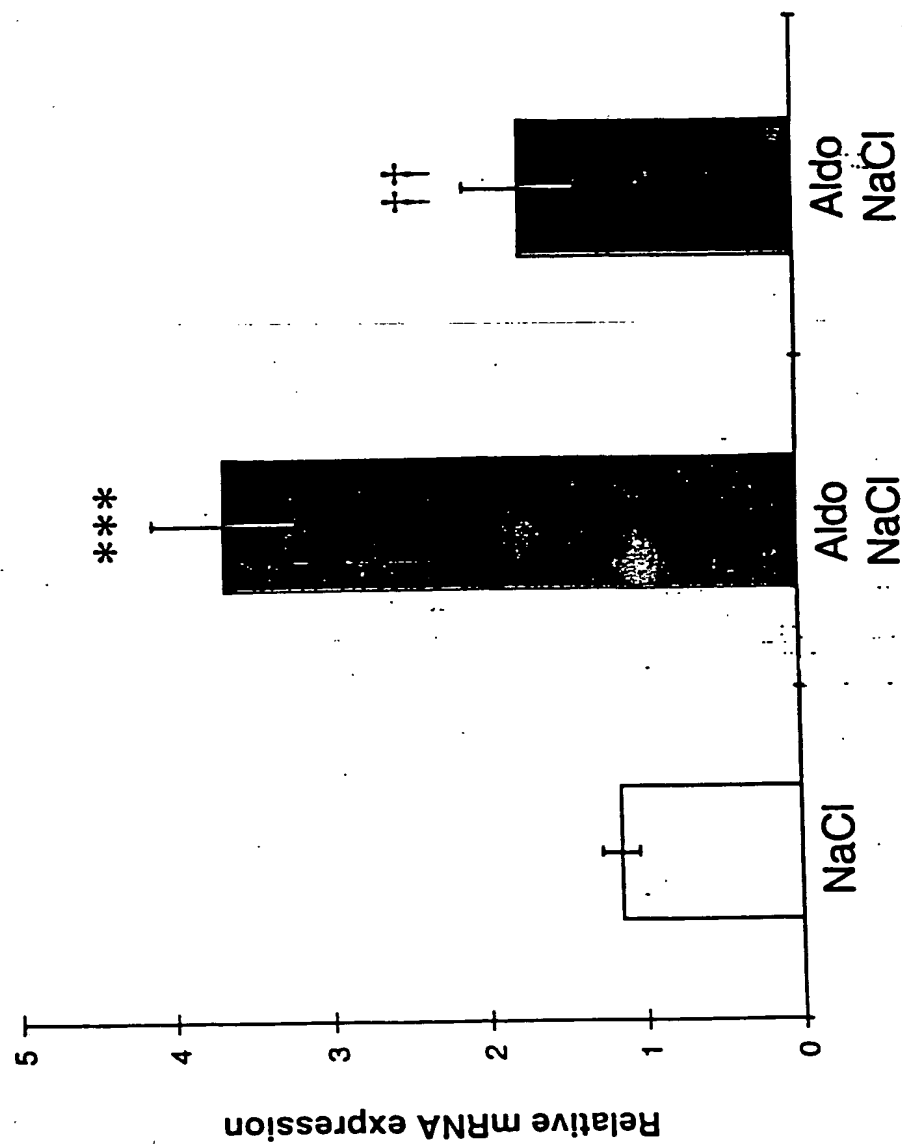


Aldosterone/Salt

# Eplerenone Prevents Myocardial Osteopontin Upregulation in Aldosterone/Salt Hypertensive Rats



# Eplerenone Prevents Myocardial COX-2 Upregulation in Aldosterone/Salt Hypertensive Rats



\*\*\*  $P < .001$  vs NaCl  
††  $P < .01$  vs Aldo/NaCl

Eplerenone FIGURE 31



# Eplerenone Prevents Myocardial Injury in Aldosterone/Salt/Uninephrectomized Rats

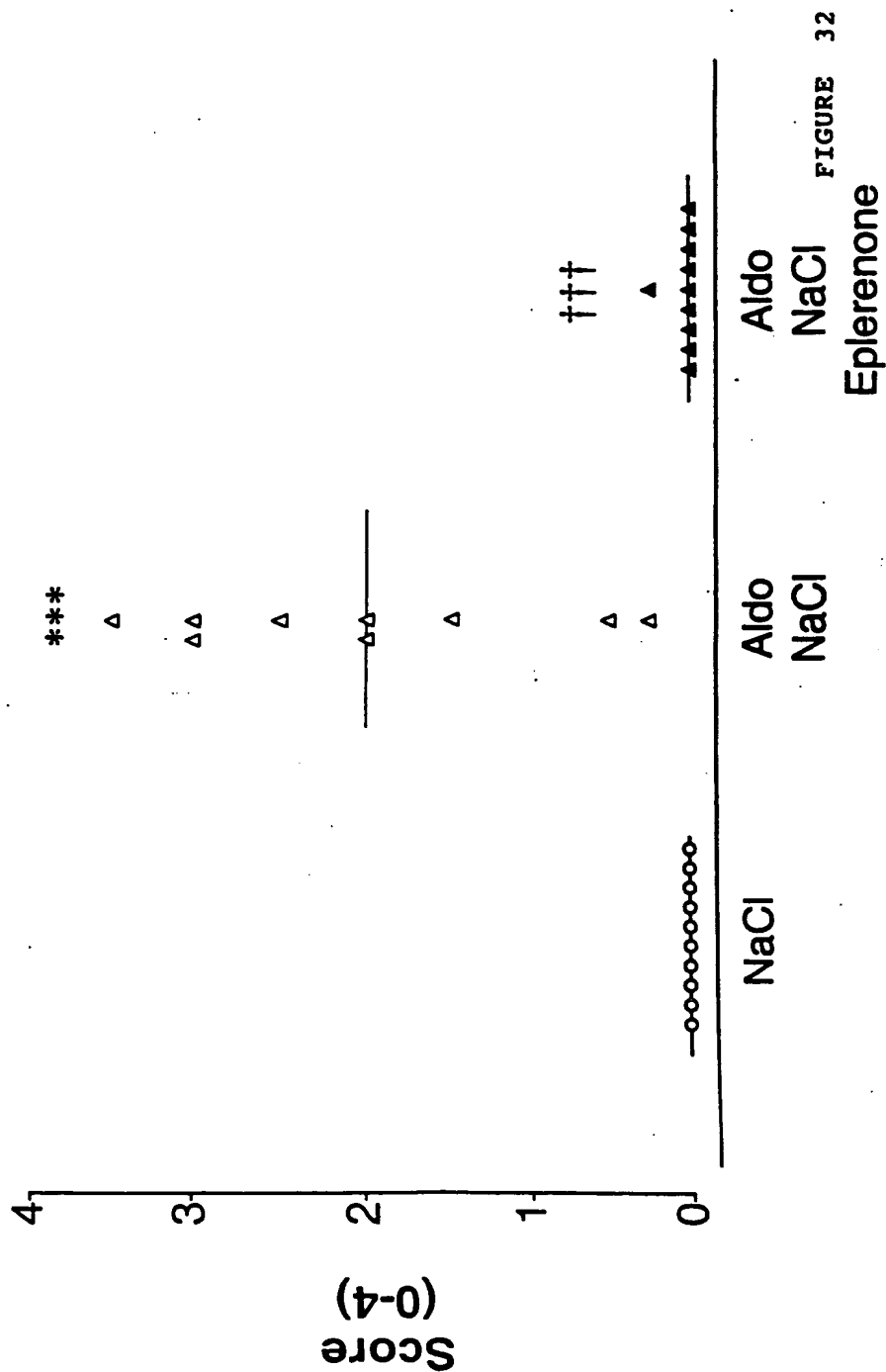
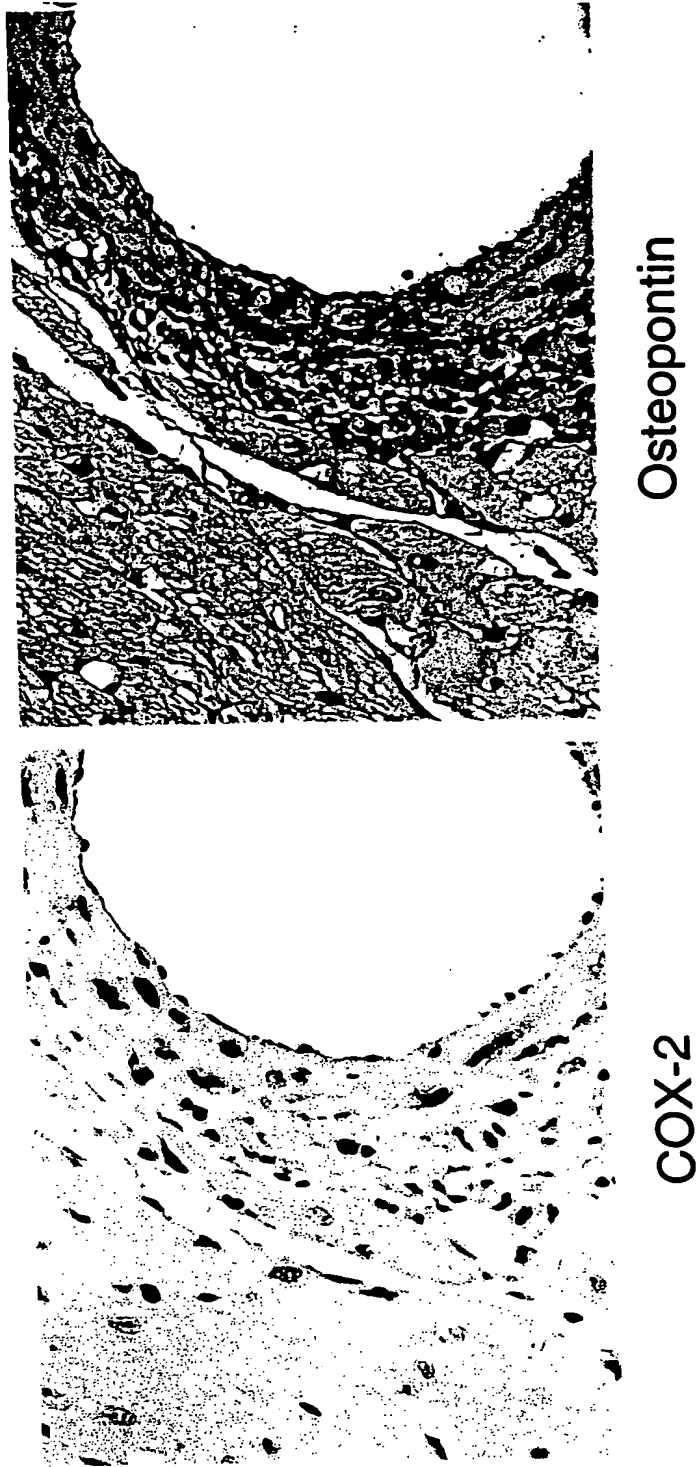


FIGURE 32

**COX-2 and Osteopontin are Co-Expressed in Similar  
Regions in the Coronary Arterial Wall**

---



**FIGURE 33**

# Potential Mechanisms of Aldosterone-Induced Vascular Inflammation and Injury

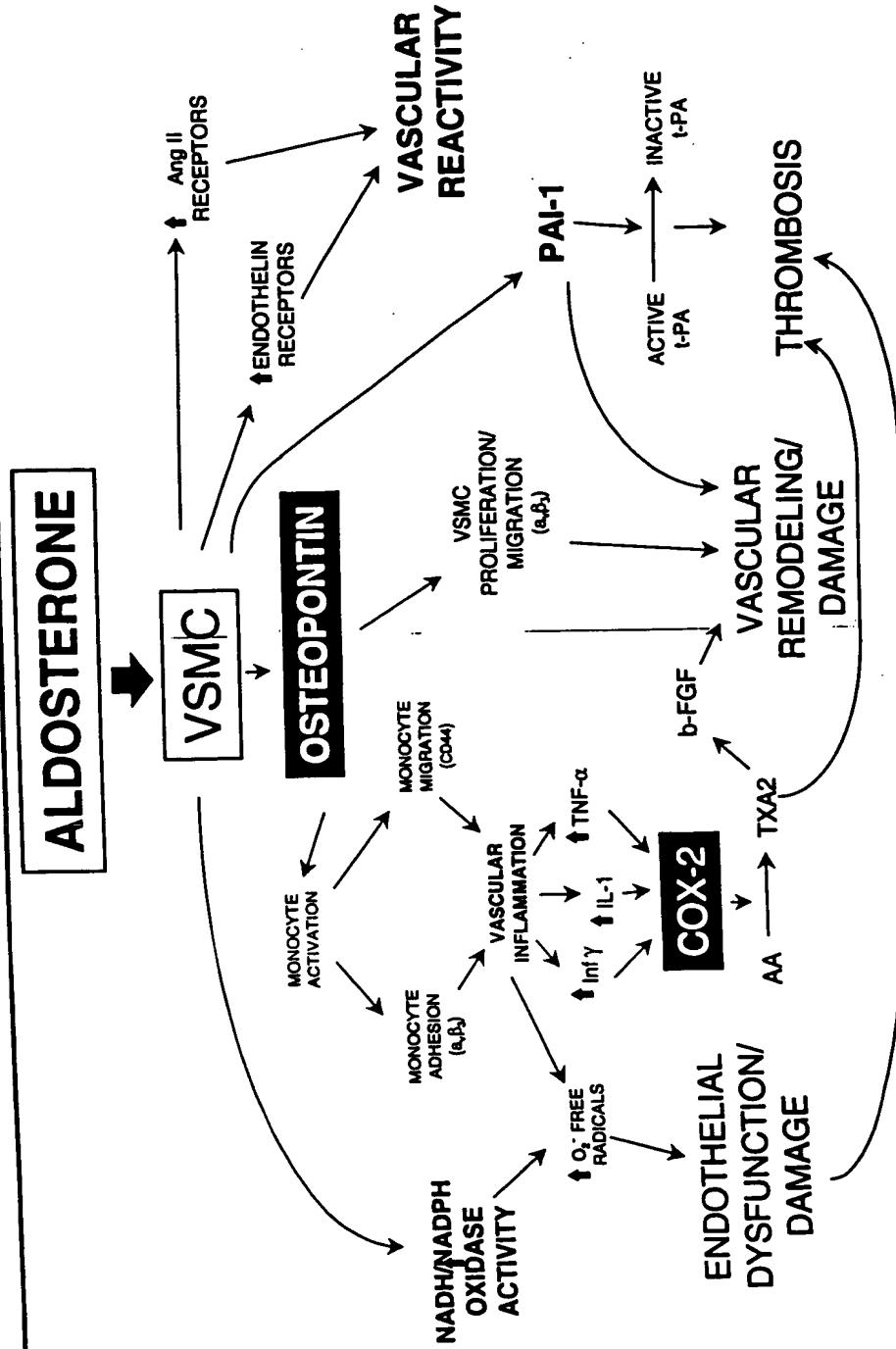


FIGURE 34

## Urinary Protein Excretion in Saline-Drinking Stroke-Prone SHR

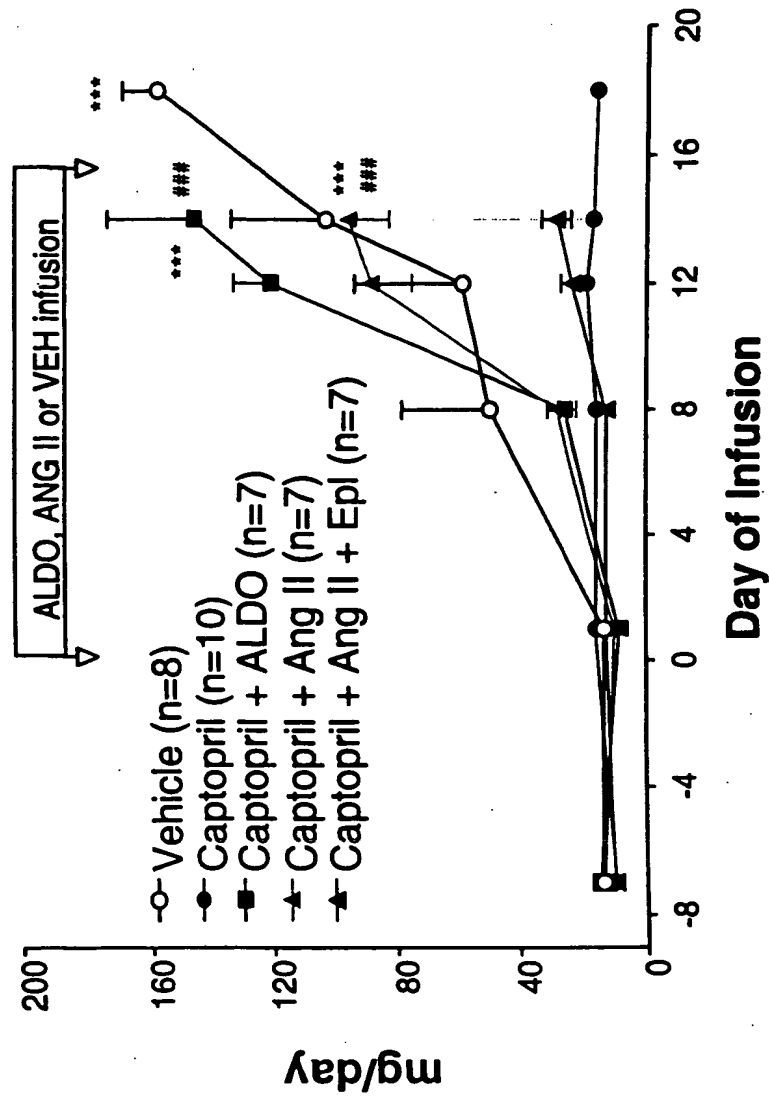


FIGURE 35

## Histopathologic Scores for Renal Injury in Saline-Drinking Stroke-Prone SHR

	Vehicle (n=8)	Capt (n=10)	Capt ALDO (n=7)	Capt Ang II (n=7)	Capt+Ang II+ Eplerenone (n=7)
Renal arteriopathy (lesions/100 glom.)	18±3**	0±0	15±1**	16±2**	3.6±1**, ##
Glomerular damage (lesions/100 glom.)	24±3**	0±0	26±1**	15±3**	3.2±1**, ##

\*\* P<.001 vs Captopril

## P<.001 vs Captopril & Ang II

FIGURE 36

## Eplerenone Prolongs Survival and Protects Against Stroke in Saline-Drinking Stroke-Prone SHR

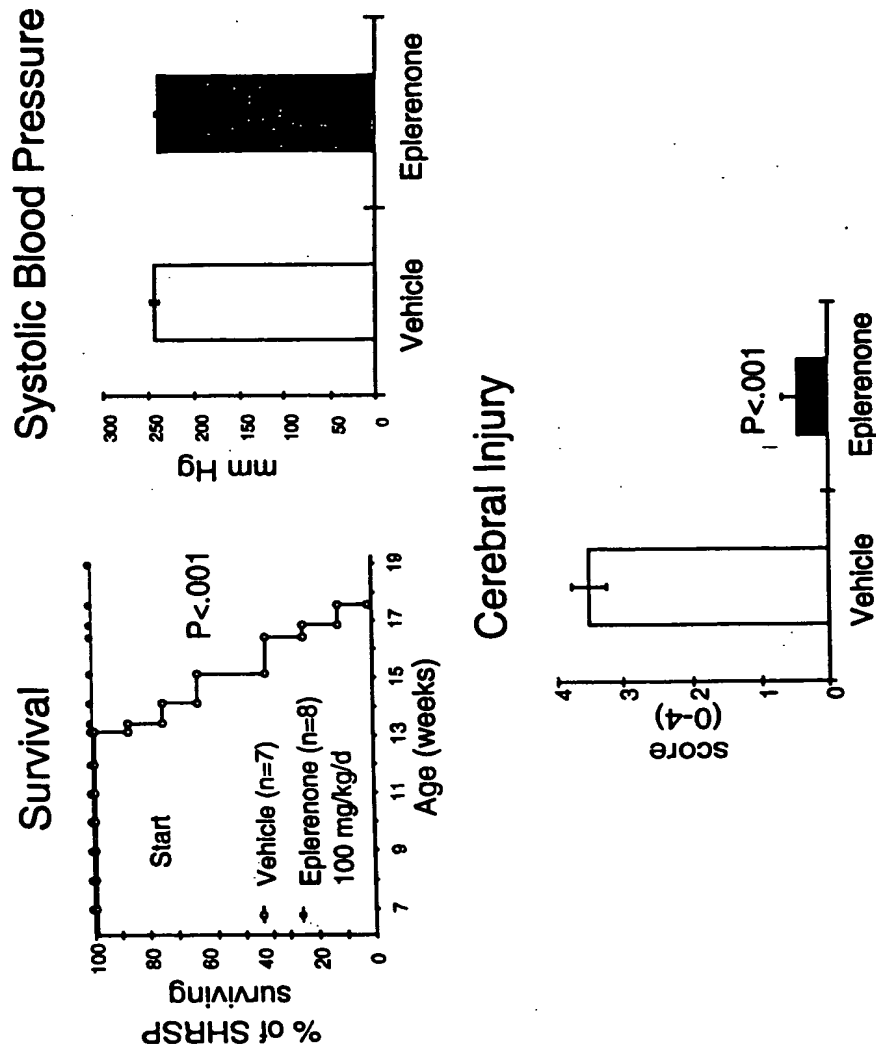
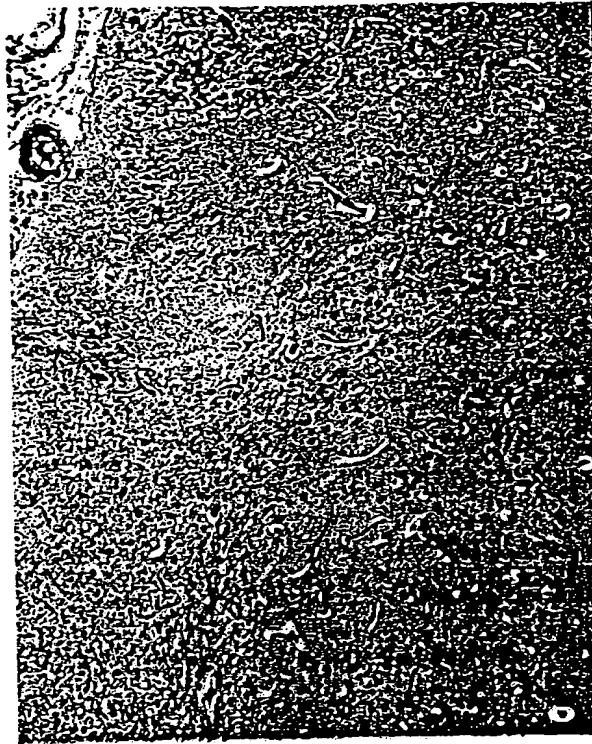
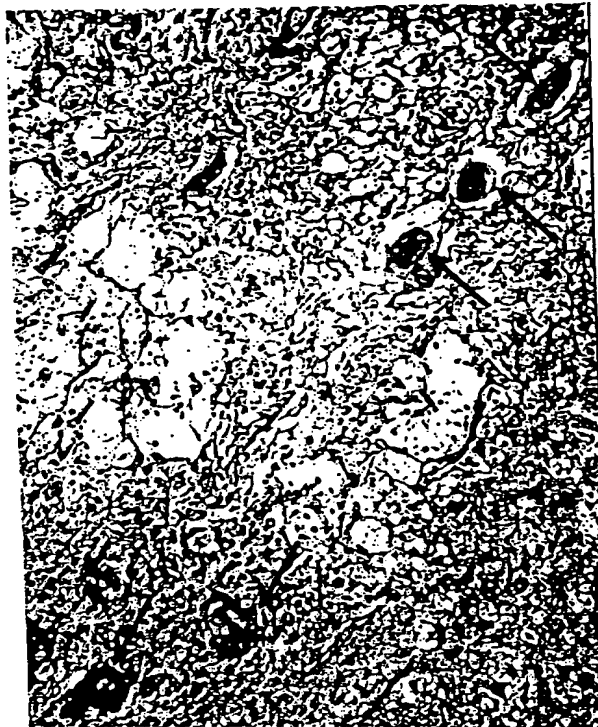


FIGURE 37

# Eplerenone Protects Against Cerebral Injury in Saline-Drinking Stroke-Prone SHR



Eplerenone-Treated  
SHRSP



Vehicle-Treated  
SHRSP

FIGURE 38

# Time-Course Expression of Myocardial COX-2 in Aldosterone-Salt Hypertensive Rats

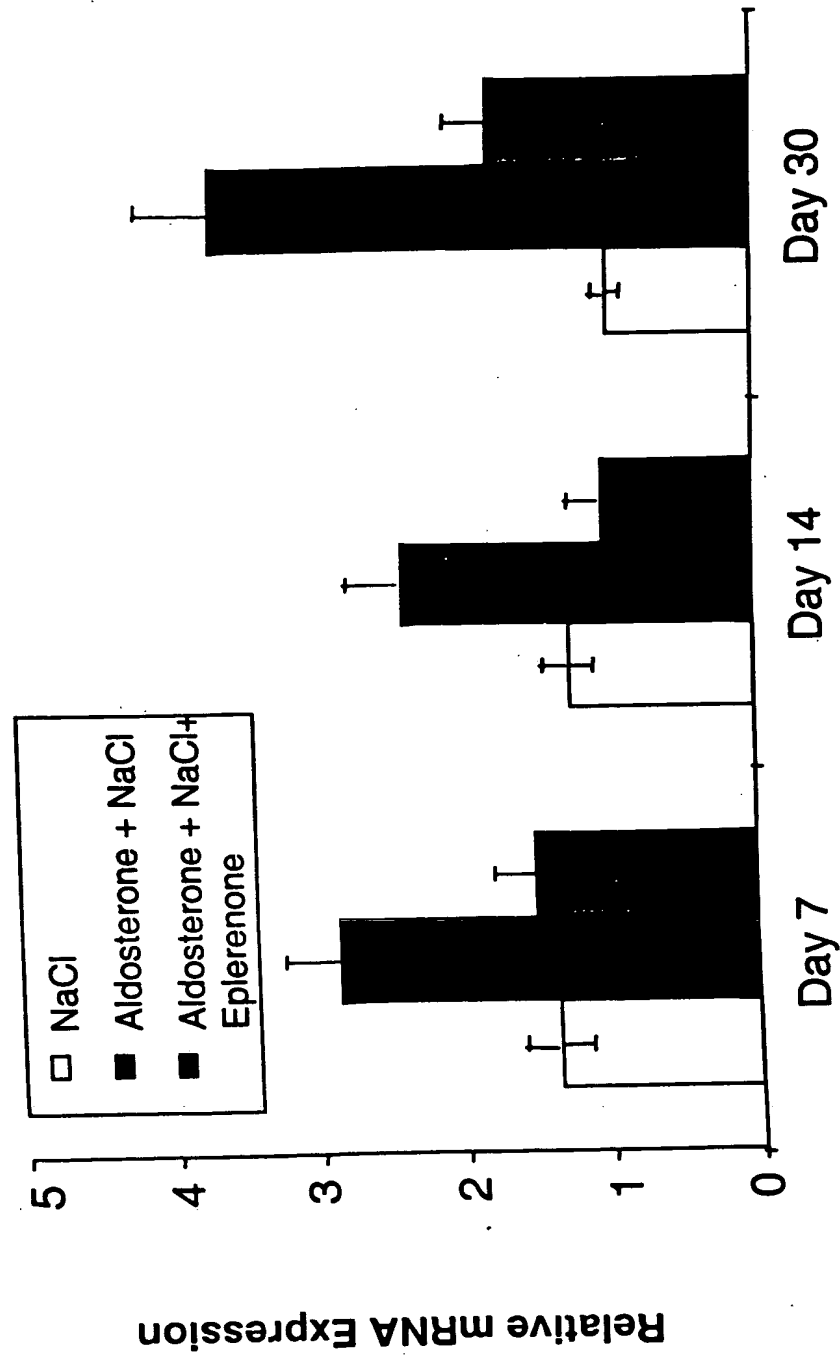


FIGURE 39



## Time-Course Expression of Myocardial Osteopontin in Aldosterone-Salt Hypertensive Rats

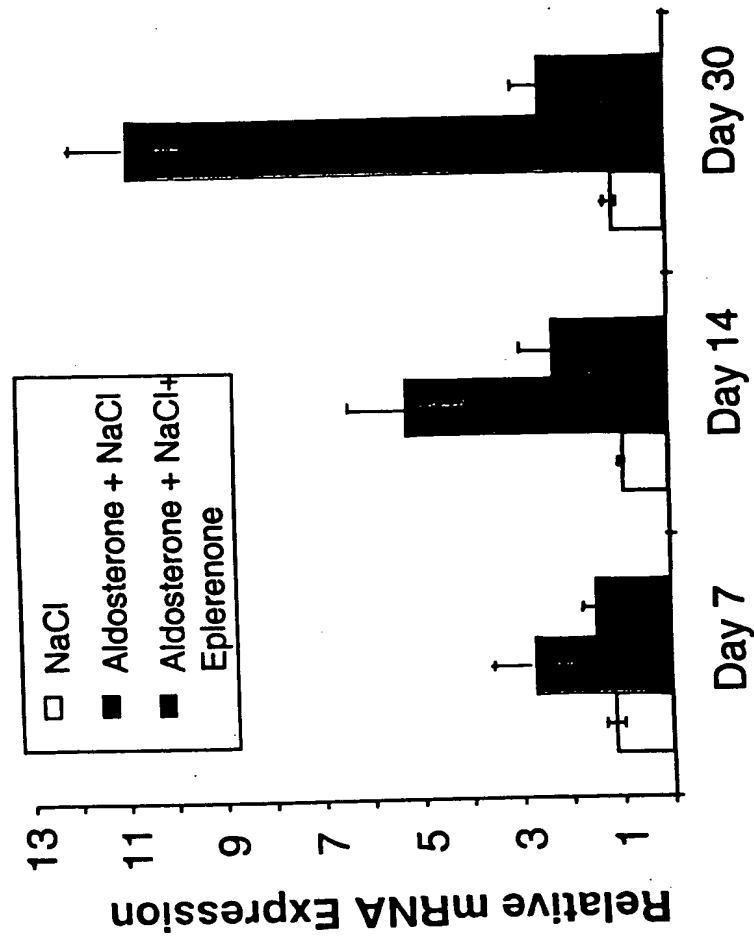


FIGURE 40

## Time-Course Expression of Myocardial MCP-1 in Aldosterone-Salt Hypertensive Rats

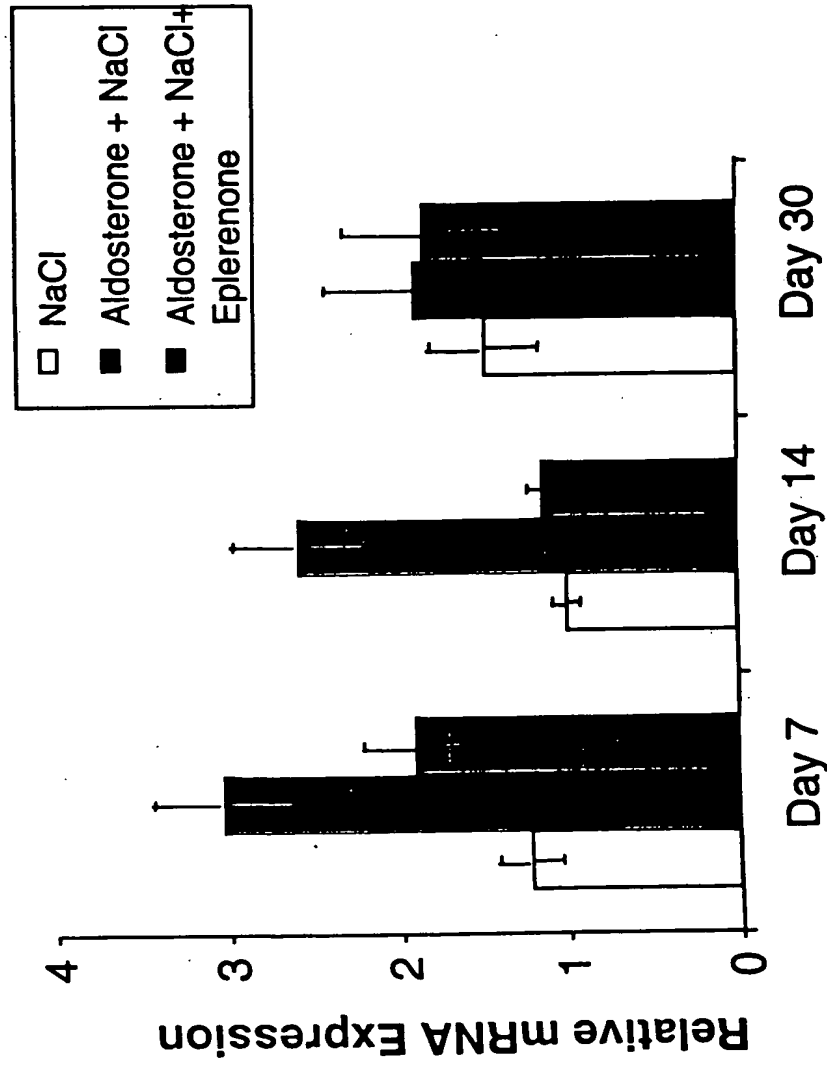


FIGURE 41

## Time-Course Expression of Myocardial ICAM-1 and VCAM-1 in Aldosterone-Salt Hypertensive Rats

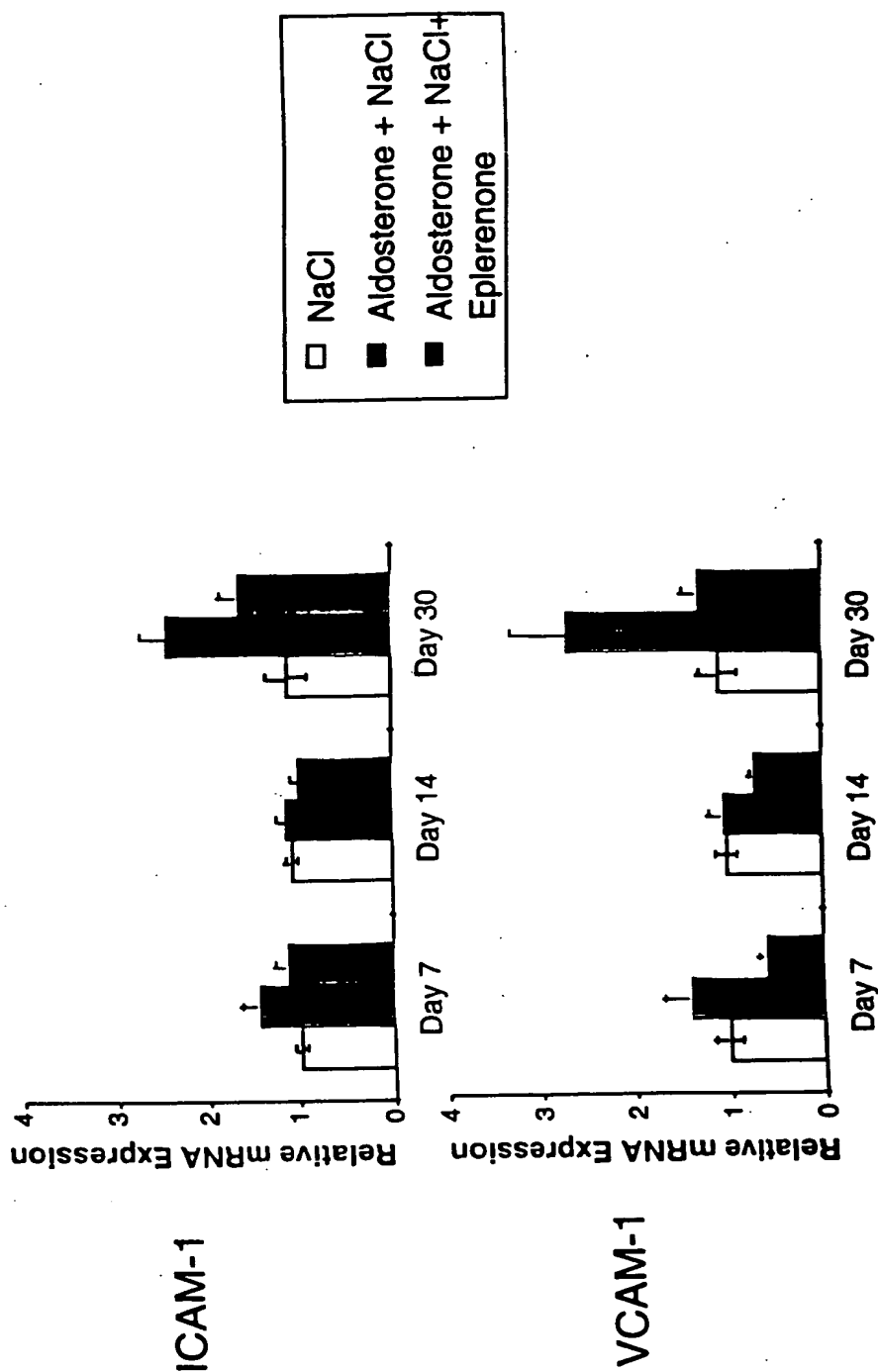


FIGURE 42

## Eplerenone Reduces Systolic Blood Pressure

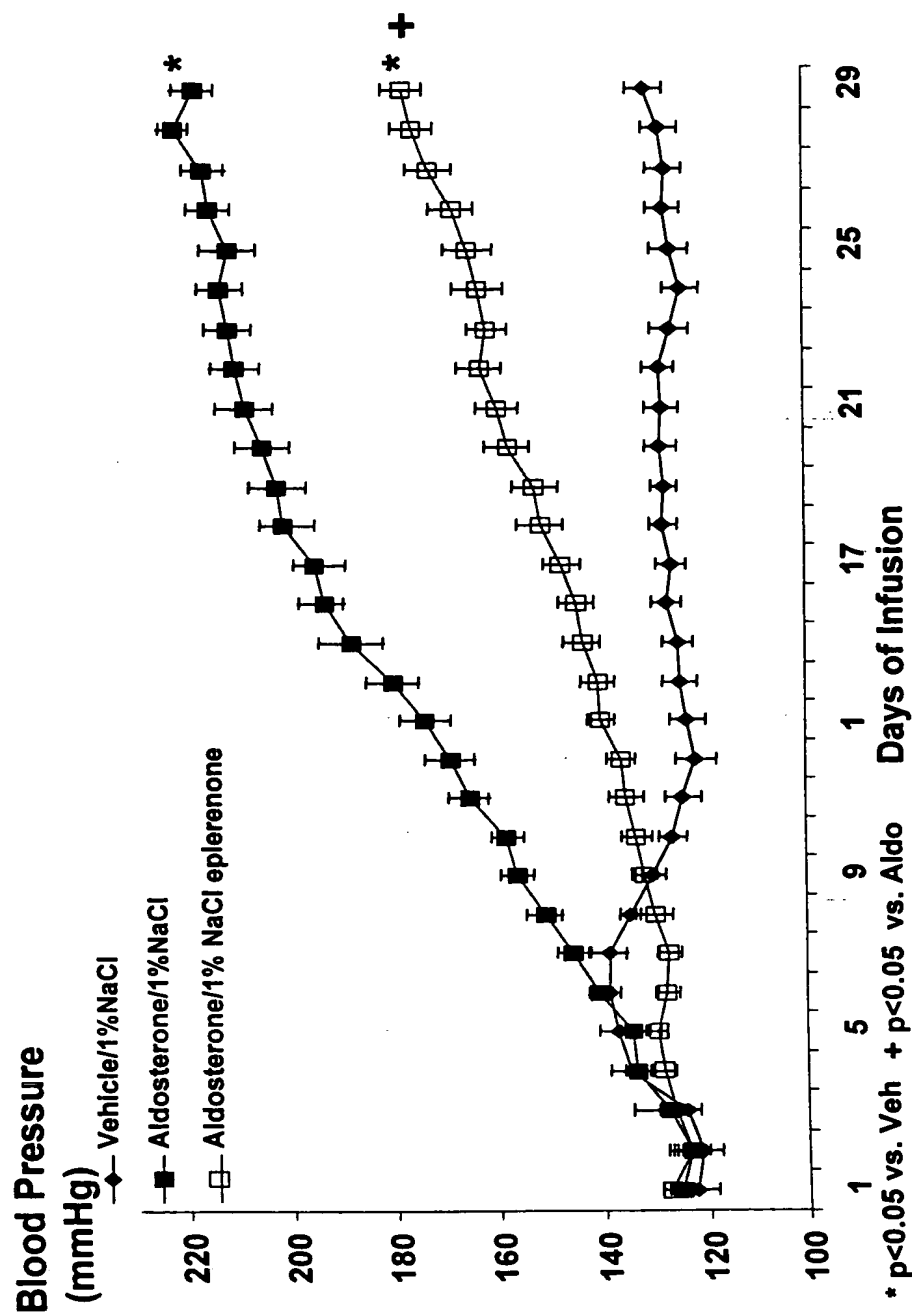
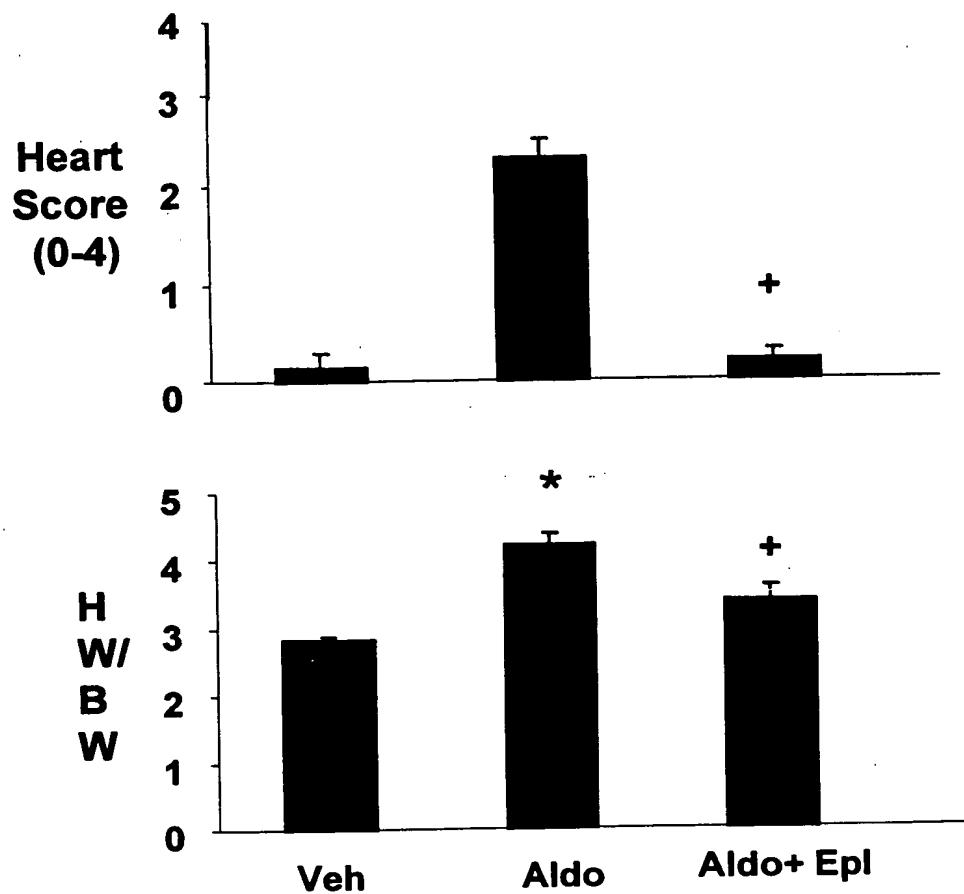


FIG. 43



\*  $p < 0.05$  vs. Veh  
+  $p < 0.05$  vs. Aldo

FIG 44

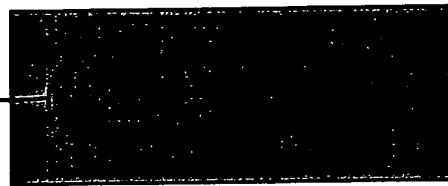
## 28 Day Circulating Osteopontin Levels

osteopontin (ng/ml)

1200.0  
1000.0  
800.0  
600.0  
400.0  
200.0  
0.0

\*

T



+

VEH/1%NaCl ALDO/1%NaCl ALDO/1%NaCl+epl

\* p<0.05 vs VEH; + p<0.05 vs ALDO/1%NaCl

FIG. 45

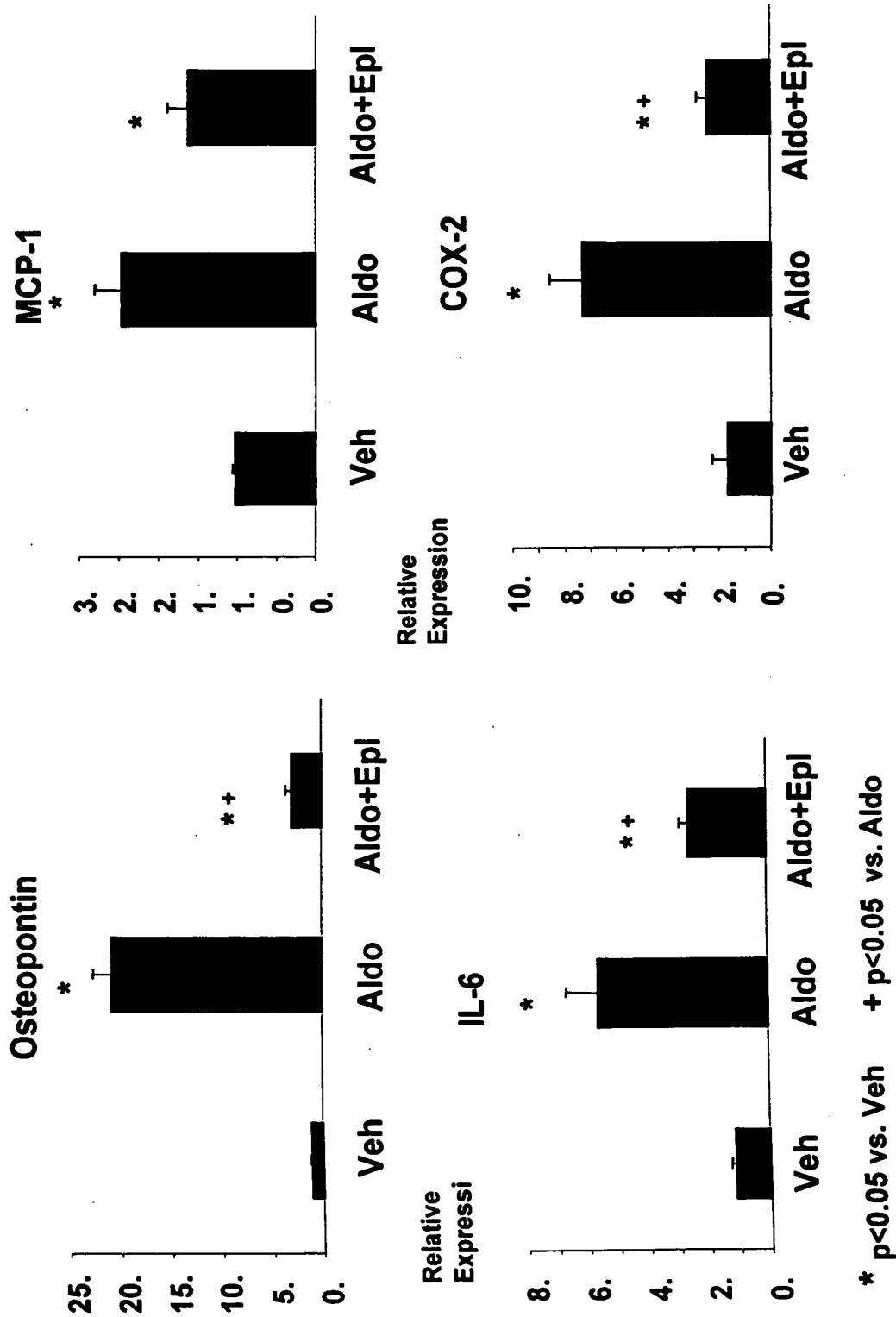


FIG. 46